

А К А Д Е М И Я Н А У К С С С Р
ВСЕСОЮЗНЫЙ ИНСТИТУТ
НАУЧНО-ТЕХНИЧЕСКОЙ ИНФОРМАЦИИ

В. Б. КОГАН, В. М. ФРИДМАН, В. В. КАФАРОВ

РАВНОВЕСИЕ МЕЖДУ ЖИДКОСТЬЮ И ПАРОМ

СПРАВОЧНОЕ ПОСОБИЕ

Книга вторая

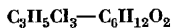


ИЗДАТЕЛЬСТВО « НАУКА »
МОСКВА • ЛЕНИНГРАД
1 9 6 6

Часть II

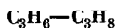
ЭКСПЕРИМЕНТАЛЬНЫЕ ДАННЫЕ

(продолжение)

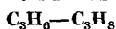


x	y	t	P	x	y	t	P
0.0	0.0	125.1	760	46.3	49.0	126.1	760
14.6	13.0	126.0		54.2	57.8	125.9	
21.5	19.9	126.2		62.1	65.2	125.5	
27.2	26.1	126.4		71.4	74.7	124.9	
32.0	32.0	126.4		84.3	86.9	123.9	
40.3	42.7	126.3		100.0	100.0	122.3	

Примечание. Данные рассчитаны по графику, приведенному в статье.



x	y	t	P , ата	x	y	t	P , ата
10	12.70	-12.2	3.30	60	63.37	37.8	14.6
20	24.46		3.39	70	72.77		14.9
30	35.42		3.48	80	81.98		15.1
40	45.70		3.56	90	91.04		15.3
50	55.46		3.63	10	11.02	71.1	26.6
60	64.84	4.4	3.70	20	21.72		27.2
70	73.93		3.76	30	32.12		27.8
80	82.80		3.82	40	42.27		28.3
90	91.49		3.88	50	52.23		28.8
10	12.33		5.53	60	62.02		29.3
20	23.84	37.8	5.67	70	71.66		29.8
30	34.68		5.80	80	81.20		30.2
40	44.95		5.92	90	90.63		30.7
50	54.79		6.04	10	10.68	87.8	36.4
60	64.30		6.16	20	21.07		37.2
70	73.54		6.27	30	31.24		38.0
80	82.54		6.37	40	41.26		38.7
90	91.35		6.48	50	51.19		39.3
10	11.70		13.1	60	61.03		40.0
20	22.85		13.5	70	70.85		40.6
30	33.54		13.8	80	80.62		41.2
40	43.82		14.0	90	90.35		41.7
50	53.74		14.4				

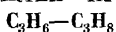


x	y	t	P , ата	γ_1	γ_2
9.8	12.2	—3.6	4.33	1.057	1.001
47.2	51.6		4.76	1.012	1.026
85.7	86.5		5.12	0.996	1.124
96.6	96.9		5.18	1.000	1.100
10.7	12.4	28.2	10.5	1.019	1.003
51.4	54.6		11.4	1.002	1.023
79.9	81.8		12.0	1.005	1.029
90.0	90.7		12.2	1.000	1.070
13.8	15.1	56.7	20.5	0.992	1.010
47.8	50.3		21.9	1.002	1.022
75.6	76.0		22.9	0.986	1.085
84.2	85.0		23.2	0.997	1.054
87.4	88.0		23.3	0.999	1.061
11.23	12.55	60.8	21.9	1.012	1.007
13.66	15.15	60.7		1.006	1.006
14.43	15.79	60.4		0.996	1.010
28.73	31.59	59.1		1.019	1.004
48.82	51.37	56.7		1.0015	1.020
58.59	60.80	56.3		0.9997	1.029
70.01	71.48	55.6		0.9898	1.056
84.21	85.16	54.5		1.0003	1.049

№ 1114

[744]

ПРОПИЛЕН—ПРОПАН

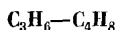


x	y	t	P , ата
41.68	44.51	Нет данных	21.76
48.99	51.87		
52.82	55.48		
61.37	63.73		
66.95	69.09		
77.81	79.33		
82.11	83.36		
92.45	92.99		

№ 1115

ПРОПИЛЕН—БУТИЛЕН

[556]



x	y	t	P , ата	x	y	t	P , ата
0.0	0.0	4.4	1.49	53.3	80.1	4.4	4.08
11.3	32.0		2.04	66.4	87.4		4.76
25.7	56.4		2.72	79.3	92.9		5.44
40.0	70.9		3.40	91.4	97.3		6.12

Таблица № 1115 (продолжение)

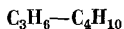
x	y	t	P , ата	x	y	t	P , ата
100.0	100.0	4.4	6.63	28.0	40.0	104.4	27.2
0.0	0.0	21.1	2.60	39.0	51.0		30.6
1.7	5.7		2.72	49.2	60.1		34.0
11.2	30.2		3.40	58.9	67.6		37.4
20.7	46.9		4.08	68.0	74.5		40.8
39.4	68.1		5.44	72.4	77.6		42.5
57.1	81.2		6.80	76.8	80.4		44.2
78.4	92.0		8.50	81.2	82.8		45.9
98.3	99.4		10.2	82.0	82.8		46.2
100.0	100.0		10.3	82.4*	82.4*		46.4
0.0	0.0	37.8	4.25	0.0	0.0	126.7	26.0
12.0	29.8		5.44	3.9	6.2		27.2
25.4	50.9		6.80	14.0	20.4		30.6
44.3	67.1		8.50	23.4	31.4		34.0
56.0	78.7		10.2	32.6	40.7		37.4
71.6	87.1		11.9	41.5	48.1		40.8
85.6	93.8		13.6	45.0	50.9		42.2
100.0	100.0		15.5	48.5	53.3		43.5
0.0	0.0	71.1	9.72	52.1	55.3		44.9
3.0	7.0		10.2	54.7	55.4		46.0
21.9	39.2		13.6	55.1*	55.1*		46.0
39.6	59.0		17.0	0.0	0.0	137.8	34.4
56.0	72.8		20.4	3.4	4.8		35.7
71.6	83.4		23.8	8.0	10.7		37.4
85.8	91.8		27.2	12.9	16.6		39.3
100.0	100.0		31.0	16.5	20.3		40.8
0.0	0.0	104.4	19.2	19.9	22.9		42.2
4.6	8.3		20.4	20.7	23.0		42.3
16.6	26.5		23.8	21.7*	21.7*		42.9

Примечание. Звездочкой помечены критические точки.

№ 1116

ПРОПИЛЕН—ИЗОБУТАН

[553]



x	y	t	P , ата	x	y	t	P , ата
6.5	11.8	75.6	13.6	11.3	16.8	110.0	27.2
20.6	33.7	68.3		20.4	28.9	104.4	
23.8	42.3	65.6		24.2	33.8	103.3	
41.9	63.6	56.7		29.7	39.8	99.4	
55.5	74.7	51.1		31.3	41.9	99.4	
81.0	91.6	42.2		47.5	60.0	91.1	
20.0	32.1	91.1	20.4	56.2	69.1	87.8	
35.3	51.5	82.2		68.1	79.4	82.8	
51.5	67.7	73.4		84.6	90.9	76.1	
69.1	81.6	66.7		11.1	1.46	124.4	31.4
84.8	92.7	60.0		23.4	29.8	117.8	

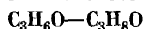
Таблица № 1116 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
34.8	41.9	111.7	31.4	41.0	44.6	120.0	40.8
47.6	56.6	105.0		51.5	57.2	114.4	
57.0	66.5	101.1		63.3	69.2	108.3	
69.4	77.9	95.0		72.3	77.7	103.9	
89.9	93.5	86.7		82.8	86.8	98.9	
38.5	41.2	120.6	40.8				

№ 1117

АЦЕТОН—ИЗОПРОПИЛОВЫЙ СПИРТ

[845]

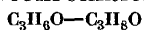


x	y	t	P	x	y	t	P
0.0	0.0	25	44.3	54.8	82.8	25	—
15.1	57.8		—	66.9	85.5		190.0
47.5	59.9		100.0	69.8	86.3		—
48.8	61.0		—	70.8	86.3		—
33.9	73.5		139.6	83.9	91.0		221.6
51.2	80.3	—	—	84.8	89.2	—	—
51.4	79.8		167.2	100.0	100.0		226.5

№ 1118

АЦЕТОН—ИЗОПРОПИЛОВЫЙ СПИРТ

[438]

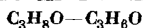


x	y	t	P	x	y	t	P
0.0	0.0	82.3	760	30.2	57.0	68.6	760
2.0	7.5	80.35	—	34.0	60.3	67.5	—
3.2	12.0	79.65	—	36.7	63.2	66.7	
6.0	19.0	78.25		39.4	65.5	65.9	
6.8	20.7	77.8		45.3	68.5	64.9	
8.2	23.7	77.1		51.0	74.0	63.4	
10.0	28.0	76.0		56.5	77.0	62.3	
11.2	30.3	75.5		64.0	80.0	61.0	
11.7	30.8	75.5		72.0	85.3	59.7	
13.2	34.7	74.65		77.5	88.5	59.0	
17.5	41.3	72.85		89.0	93.0	57.4	
21.0	48.3	71.2		90.0	94.5	57.2	
23.5	50.5	70.6		100.0	100.0	56.1	
23.7	50.8	70.4					

№ 1119

ИЗОПРОПИЛОВЫЙ СПИРТ—АЛЛИЛОВЫЙ СПИРТ

[109]

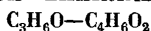


x	y	t	P	x	y	t	P
0	0	95.28	760	56.84	65.85	87.68	760
4.26	7.66	94.54		63.11	73.65	86.93	
8.24	14.57	93.92		67.46	74.87	86.35	
12.82	18.87	93.38		77.02	83.98	85.05	
17.11	24.47	92.88		82.79	88.06	84.01	
23.26	28.88	92.38		88.05	91.72	83.84	
25.94	34.03	91.47		91.18	94.14	83.48	
31.76	43.99	90.46		95.08	96.30	83.08	
41.67	55.16	89.29		96.99	97.21	83.01	
45.16	56.17	89.08		97.67	97.84	82.73	
50.55	62.31	88.48					

№ 1120

АЦЕТОН—ВИНИЛАЦЕТАТ

[215]

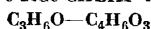


x	y	t	P	x	y	t	P
0	0	72.65	760	60	71.5	61.1	760
10	17.3	70.3		70	79.4	59.8	
20	30.6	68.1		80	86.9	58.4	
30	42.4	66.0		90	93.8	57.2	
40	53.0	64.2		100	100.0	56.3	
50	62.5	62.5					

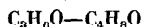
№ 1121

АЦЕТОН—УКСУСНЫЙ АНГИДРИД

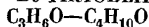
[642]



x	y	t	P	γ_1	γ_2
0	0.0	139.5	760	—	1.00
10	47.0	119.0		0.88	1.08
20	70.5	103.0		0.92	1.12
30	83.2	91.5		0.95	1.15
40	89.6	82.5		0.97	1.19
50	93.2	76.5		0.98	1.23
60	95.3	71.0		0.99	1.28
70	96.9	66.5		1.00	1.31
80	98.1	62.5		1.00	1.45
90	99.1	59.5		1.00	1.57
95	99.6	57.7		1.00	1.64
97.5	99.8	57.0		1.00	1.68
100	100.0	56.1		1.00	—

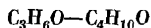


x	y	t	P , ата	x	y	t	P , ата
2.6	5.0	78.5	1	35.4	51.2	141.7	6.8
8.1	15.3	76.6		44.0	60.3	139.3	
15.3	29.0	74.2		51.5	66.8	137.3	
24.5	43.7	71.4		58.9	73.0	134.7	
37.3	57.1	69.0		68.7	80.2	132.8	
45.0	64.0	67.0		71.3	81.5	131.7	
51.0	65.7	65.1		82.7	89.5	129.2	
54.4	71.5	64.1		92.0	95.4	127.5	
62.0	77.5	62.1		1.9	2.9	203.5	
67.6	81.7	61.1		13.2	19.4	199.5	
68.6	81.7	61.0		19.8	27.5	197.5	
72.7	84.0	60.3		29.2	38.5	194.0	
73.8	85.7	60.0		33.1	41.8	193.1	
81.7	90.3	58.9		36.4	45.9	191.5	
89.1	94.2	57.9		44.6	54.5	188.9	
95.0	97.2	56.9	3.4	54.3	63.0	186.1	17.0
1.9	3.7	122.0		61.2	70.4	183.2	
7.6	13.0	121.0		69.1	75.7	180.0	
13.3	24.7	118.3		72.6	78.8	178.9	
16.9	30.2	116.7		84.3	87.7	175.0	
20.8	35.0	115.3		92.9	95.1	175.1	
29.6	46.3	112.8		5.0	7.8	248.4	
38.8	56.4	110.0		6.2	8.6	247.8	
42.0	59.3	109.3		15.1	18.5	243.0	
45.3	62.5	108.5		19.0	22.3	241.4	
57.4	73.5	106.0		25.2	29.5	238.9	
58.8	74.4	106.1		33.5	38.3	235.6	
67.3	80.5	104.2		39.7	45.0	233.5	
81.0	89.2	100.6		57.0	62.2	227.4	
90.9	94.6	98.8	6.8	65.0	69.1	225.0	34.0
1.9	3.5	153.3		70.1	75.7	223.2	
7.6	12.4	152.0		71.3	76.1	222.6	
10.3	19.0	150.6		79.5	83.0	220.1	
14.7	25.7	148.9		85.5	88.1	218.0	
19.4	31.5	147.1		91.3	93.3	215.6	
29.6	44.3	143.1		95.5	98.1	214.5	



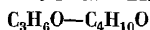
x	y	t	P	x	y	t	P
0.0	0.0	117.7	760	42.5	91.8	—	760
3.2	24.4	—		50.0	94.38	—	
6.0	38.25	—		55.0	95.0	—	
8.0	46.90	—		58.0	96.15	—	
11.0	58.2	—		62.5	96.7	—	
14.0	64.95	—		74.1	97.5	—	
20.5	76.5	—		79.0	98.5	—	
30.0	85.2	—		90.0	99.30	—	
34.0	87.84	—		100.0	100.00	56.3	

АЦЕТОН—БУТИЛОВЫЙ СПИРТ

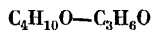


x	y	t	P
0.0	7.7	25	<50
16.0	91.4		73
43.5	96.1		116
65.0	97.5		149
79.0	98.4		164
90.5	98.9		182
95.1	99.1		190

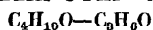
АЦЕТОН—БУТИЛОВЫЙ СПИРТ



x	y	t	P	γ_1	γ_2
0.0	0.0	117.05	746	—	1.00
1.0	10.5	115.0		1.94	0.98
2.5	22.5	112.0		1.78	0.96
5.0	40.5	107.1		1.80	0.91
7.0	47.2	103.8		1.63	0.95
15.4	69.8	91.7		1.50	0.97
19.8	75.0	86.9		1.44	1.04
21.5	77.3	85.4		1.42	1.05
26.5	80.9	81.7		1.33	1.08
31.2	83.7	78.8		1.29	1.12
53.5	93.0	68.6		1.14	1.20
60.7	94.3	66.2		1.10	1.30
65.9	95.1	64.5		1.09	1.41
76.3	97.2	61.6		1.04	1.34
81.9	97.8	60.0		1.03	1.56
89.7	98.8	58.1		1.01	1.62

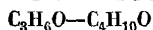


x	y	t	P
0.0	0.0	0	70
15.6	44.6		119
19.2	43.6		117
36.4	61.7		142
51.0	67.0		150
61.7	72.8		167
83.5	86.1		181
100.0	100.0		185

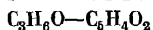


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	30	282.8	50.42	69.97	30	557.8
2.01	7.00		297.4	65.46	77.82		597.0
4.72	16.97		325.9	74.91	82.70		616.9
6.63	21.02		337.8	86.73	89.61		637.0
16.19	40.65		409.6	96.13	96.67		654.3
29.53	55.45		479.7	100.00	100.00		646.0
34.93	59.97		502.7				

АЛЛИЛОВЫЙ СПИРТ—ВТОРИЧНЫЙ БУТИЛОВЫЙ СПИРТ



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	99.3	760	100.0	100.0	96.4	760
1.0	2.5	98.9		0.0	0.0	54.1	
2.8	3.7	98.85		1.4	1.8	52.0	
3.3	4.1	98.8		1.9	2.4	53.0	
13.6	14.4	98.6		10.2	13.7	52.0	
19.9	20.8	98.55		18.0	22.2	53.0	
36.1	37.4	98.2		30.3	39.0	52.5	
41.6	44.4	97.9		46.5	52.6	53.0	
67.0	68.6	97.5		67.2	76.0	51.0	
76.0	78.8	97.2		78.6	85.5	52.0	
94.0	94.5	96.65		81.2	87.5	52.5	



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	161.7	760	63.0	97.8	68.8	760
18.5	89.0	100.0		66.3	98.0	67.3	
25.8	92.3	90.8		73.2	98.2	64.8	
37.5	95.1	81.7		79.5	98.4	61.8	
44.6	96.6	76.3		87.3	98.7	59.4	
51.5	96.9	74.3		93.8	99.2	57.9	
59.9	97.7	70.1		100.0	100.0	56.1	

№ 1130

АЦЕТОН—ПИРИДИН
 $C_3H_6O-C_5H_5N$

[642]

x	y	t	P	γ_1	γ_2
0	0.0	115.3	760	—	1.00
10	36.7	102.5		1.22	1.02
20	60.9	91.0		1.16	1.03
30	74.0	83.0		1.11	1.06
40	80.9	76.5		1.07	1.10
50	85.8	72.0		1.05	1.15
60	89.7	68.0		1.03	1.21
70	92.9	64.8		1.02	1.30
80	95.3	62.0		1.01	1.41
90	97.7	59.0		1.01	1.58
95	98.9	57.5		1.00	1.69
97.5	99.4	57.0		1.00	1.75
100	100.0	56.1		1.00	—

№ 1131

ИЗОПРЕН—АЦЕТОН
 $C_5H_8-C_3H_6O$

[187]

x	y^*	t	P	γ_1	γ_2
0	0	56.4	760	—	1.000
10	29.42	49.0		1.798	1.017
20	45.74	44.5		1.577	1.038
30	56.47	41.2		1.430	1.077
40	64.14	38.9		1.319	1.130
50	70.07	37.2		1.230	1.209
60	75.43	35.8		1.149	1.310
70	80.61	34.8		1.111	1.435
80	85.97	34.1		1.060	1.600
90	91.83	33.9		1.026	1.880
100	100	34.1		1.000	—

№ 1132

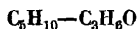
ПИПЕРИЛЕН**—АЦЕТОН
 $C_5H_8-C_3H_6O$

[187]

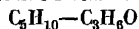
x	y^*	t	P	γ_1	γ_2
0	0	56.4	760	—	1.000
10	23.65	51.2		1.798	1.017
20	37.58	48.3		1.577	1.038
30	47.71	46.1		1.430	1.077
40	55.68	44.5		1.319	1.130
50	62.22	43.3		1.230	1.209
60	68.09	42.6		1.149	1.310
70	74.47	41.9		1.111	1.435
80	81.18	41.7		1.060	1.600
90	88.82	42.0		1.026	1.880
100	100	43.2		1.000	—

* Расчетные данные.

** Смесь *цис*- и *транс*-изомеров.



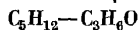
x	y	t	P	γ_1	γ_2
13.8	38.4	44.75	760	2.260	1.070
17.1	43.4	44.05		2.102	1.055
19.9	47.0	42.85		2.035	1.070
23.1	49.4	41.40		1.935	1.126
24.4	50.2	41.38		1.875	1.130
32.2	57.4	39.30		1.730	1.165
38.5	60.1	38.01		1.585	1.265
42.8	61.9	37.52		1.498	1.360
49.5	64.5	36.80		1.385	1.441
53.5	67.5	36.55		1.322	1.445
64.1	71.3	35.90		1.215	1.695
64.8	72.1	35.80		1.218	1.720
71.3	74.0	35.62		1.145	1.940
74.7	75.6	35.62		1.120	2.02
75.6	75.6	35.60		1.100	2.10
79.1	78.3	35.61		1.095	2.23
84.9	81.8	35.90		1.065	2.53
90.6	86.6	35.98		1.041	3.01



x	y^{**}	t	P	γ_1	γ_2
0	0	56.4	760	—	1.000
10	40.96	43.8		2.73	1.030
20	54.88	38.4		2.26	1.088
30	62.38	35.3		1.840	1.170
40	67.13	33.4		1.540	1.285
50	71.46	32.1		1.360	1.411
60	75.46	31.0		1.210	1.585
70	79.03	30.3		1.118	1.859
80	83.51	30.1		1.056	2.21
90	89.82	30.2		1.028	2.72
100	100	31.0		1.000	—

* Несимметричный.

** Расчетные данные.



x	y	t	P	γ_1	γ_2
0.00	0.00	25	226.3	—	1.000
0.94	10.55		255.6	5.861	1.019
5.40	36.33		343.6	4.688	1.012
8.87	45.92		396.4	4.140	1.023

Таблица № 1135 (продолжение)

x	y	t	P	γ_1	γ_2
16.00	56.48	25	468.4	3.311	1.050
37.41	66.54		549.8	1.945	1.265
38.80	66.58		547.9	1.871	1.288
47.21	68.65		567.1	1.637	1.449
56.89	70.74		575.0	1.449	1.679
65.48	72.74		582.3	1.282	1.977
71.92	74.42		582.6	1.194	2.287
77.87	76.23		583.7	1.132	2.598
92.23	84.86		564.7	1.032	4.765
100.00	100.00		502.4	1.000	—
0.00	0.00	—15	29.45	—	1.000
4.97	50.79		58.41	0.701	1.021
12.69	66.17		80.41	4.731	1.047
16.39	68.90		87.83	4.159	1.096
28.51	73.19		96.84	2.799	1.219
38.57	74.42		99.94	2.158	1.390
47.30	74.90		101.3	1.803	1.618
54.59	75.50		101.5	1.577	1.837
65.80	76.50		102.4	1.340	2.355
71.73	76.89		102.8	1.239	2.819
83.25	79.33		102.9	1.104	4.256
92.87	84.90		99.67	1.027	7.080
100.00	100.00		88.74	1.000	—
0.00	0.00	—35	7.94	—	1.000
18.40	74.58		28.68	4.130	1.120
24.01	76.37		30.68	3.468	1.194
24.82	76.21		31.14	3.404	1.233
43.07	77.82		31.49	2.023	1.535
51.29	78.12		31.89	1.726	1.790
64.98	78.54		31.83	1.368	2.443
68.75	78.69		32.14	1.309	2.741
82.08	80.20		32.25	1.122	4.446
92.43	84.13		31.70	1.028	8.318
100.00	100.00		28.12	1.000	—

№ 1136

ПЕНТАН—АЦЕТОН

[1024]

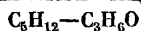
 $C_5H_{12}-C_3H_6O$

x	y	t	P	γ_1	γ_2
2.1	10.8	49.15	760	3.465	1.148
6.1	30.7	45.76		3.715	1.048
13.4	47.5	39.58		3.150	1.088
21.05	55.0	36.67		2.558	1.145
29.2	61.45	34.35		2.216	1.184
40.5	66.4	32.85		1.812	1.323
50.3	67.8	32.35		1.520	1.530
61.1	71.1	31.97		1.328	1.780
72.8	73.9	31.93		1.160	2.303
86.9	81.0	32.27		1.055	3.426
95.3	90.65	33.89		1.017	4.405

№ 1137

ИЗОПЕНТАН—АЦЕТОН

[187]

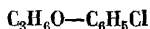


x	y	t	P	γ_1	γ_2
5.9	37.1	44.05	760	3.71	1.034
13.2	56.6	36.10		3.26	1.075
25.8	67.9	30.26		2.42	1.150
27.7	69.9	29.90		2.34	1.125
37.7	71.2	28.54		1.839	1.320
41.5	73.6	27.44		1.800	1.352
46.8	73.7	27.38		1.600	1.485
55.5	75.1	26.63		1.464	1.811
62.0	76.7	26.30		1.312	1.950
68.9	78.6	25.86		1.223	2.20
70.3	78.9	25.83		1.204	2.28
75.9	80.9	25.65		1.153	2.56
82.7	82.7	25.58		1.081	3.22
85.3	84.2	25.59		1.068	3.48
87.2	85.9	25.75		1.058	3.55
90.4	87.3	25.83		1.037	4.25
95.2	92.0	26.70		1.008	5.02

№ 1138

АЦЕТОН—ХЛОРБЕНЗОЛ

[823]

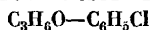


x	y	t	P	x	y	t	P
0	0.0	131.6	760	60	91.0	68.2	760
2	19.1	125.5		70	92.6	65.5	
5	38.2	108.0		80	94.2	62.8	
10	56.5	107.0		85	95.1	62.0	
20	72.9	93.5		90	96.2	61.0	
30	81.2	84.1		95	97.8	58.1	
40	85.6	77.5		100	100.0	56.1	
50	88.7	72.0					

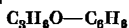
№ 1139

АЦЕТОН—ХЛОРБЕНЗОЛ

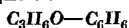
[532]



x	y	t	P	x	y	t	P
3.1	23.8	122.6	760	57.2	92.9	69.8	760
6.4	40.9	114.5		68.3	95.4	65.8	
13.0	60.7	102.8		77.2	96.6	62.7	
20.8	72.6	94.1		78.4	97.3	62.4	
33.4	83.6	82.6		88.4	98.6	59.4	
46.6	90.0	74.5					

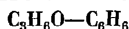


x	y	t	P	x	y	t	P
0.0	0.0	79.1	732	47.8	71.9	60.4	732
1.2	5.3	77.7		55.4	75.8	59.35	
3.3	13.6	75.5		66.9	81.4	58.15	
5.6	19.2	73.2		76.7	86.7	57.2	
8.5	26.3	72.0		86.0	92.4	56.6	
14.3	42.0	68.8		92.4	95.9	56.1	
31.0	56.4	63.75		100.0	100.0	55.3	
40.4	65.0	61.75					

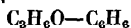


x	y	t	P	x	y	t	P
0	0.00	35.0	150.1	0	0.00	25.0	97.5
10	30.34		195.8	10	32.34		131.3
20	44.87		226.2	20	46.62		152.5
30	54.11		248.2	30	55.35		167.3
40	61.44		265.6	40	62.05		178.7
50	67.85		280.8	50	68.02		188.3
52.23	69.19		283.7	52.23	69.31		190.3
60	74.03		294.6	60	73.88		197.1
70	80.30		307.6	70	79.93		205.3
73.99	82.84		312.6	73.99	83.07		206.8
80	86.75		320.1	80	86.34		213.1
90	93.42		334.7	90	93.10		220.3
100	100.00		344.6	100	100.00		227.5

Примечание. Расчетные данные подтверждены экспериментально.



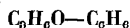
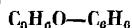
x	y	t	P	x	y	t	P
0	0	80.1	760	50	66.5	64.3	760
2	6.3	79.5		60	73.0	62.4	
5	14.0	78.3		70	79.5	60.7	
10	24.3	76.4		80	86.3	59.6	
20	40.0	72.8		90	93.2	58.8	
30	51.2	69.6		100	100.0	56.1	
40	59.4	66.7					



x	y	t	P	x	y	t	P
0.00	0.00	79.20	738	34.03	54.81	65.40	738
1.48	4.65	78.02		46.20	64.61	62.89	
5.35	14.68	75.85		60.14	74.46	60.31	
10.40	24.68	73.45		75.90	84.75	58.22	
17.91	35.10	70.85		92.76	95.17	56.25	
23.74	44.38	68.31		100.00	100.00	55.56	

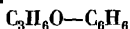
АЦЕТОН—БЕНЗОЛ

АЦЕТОН—БЕНЗОЛ

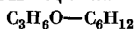


x	y	t	P
4.70	14.44	45.00	250.73
9.63	25.74		275.02
22.07	44.17		324.25
29.36	52.04		348.40
40.11	61.39		379.88
47.59	66.97		399.73
61.25	76.14		432.95
70.45	82.01		453.99
80.81	88.05		475.39
90.84	94.18		495.32
96.29	96.99		503.96

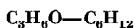
x	y	t	P
5.4	15.5	76.5	760
8.4	21.8		
15.6	33.8		
23.7	44.0		
24.0	44.4		
33.5	54.1		
43.2	62.3		
53.2	69.8		
64.7	77.4		
70.9	81.3		
75.8	84.5		
86.9	91.5		



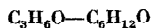
x	y	t	P	γ_1	γ_2
0	0.00	80.10	760	—	1.000
1	3.52	79.20		1.720	1.002
5	14.06	76.35		1.580	1.009
10	25.31	73.60		1.450	1.021
20	40.30	69.70		1.301	1.043
30	51.47	66.75		1.218	1.069
40	60.30	64.50		1.149	1.099
50	67.85	62.65		1.098	1.136
60	74.64	61.00		1.063	1.186
70	81.00	59.60		1.034	1.242
80	87.37	58.35		1.015	1.298
90	93.71	57.25		1.004	1.348
95	96.87	56.70		1.001	1.370
99	99.37	56.27		1.000	1.400
100	100.00	56.18		1.000	1.406



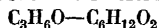
x	y	t	P	γ_1	γ_2
0.0	0.0	80.8	760	—	1.000
5.25	22.5	73.8		2.426	0.996
10.25	37.5	68.0		2.480	0.998
16.0	49.5	63.0		2.462	1.009
22.5	58.0	59.2		2.366	1.000
27.0	63.0	57.0		2.223	1.007
33.0	67.5	56.0		2.058	1.014
39.0	69.5	55.0		1.856	1.079
45.25	71.0	54.5		1.662	1.162
49.75	71.25	54.2		1.533	1.267
54.5	72.5	53.8		1.445	1.356
61.5	73.5	53.3		1.320	1.569
65.5	74.0	53.1		1.257	1.732
69.0	74.5	53.1		1.201	1.891
73.5	74.75	53.1		1.131	2.190
77.25	76.2	53.1		1.097	2.404
81.0	77.5	53.15		1.063	2.714
84.0	79.5	53.2		1.049	2.932
87.5	81.25	53.45		1.020	3.411
91.0	85.0	53.85		1.012	3.737
94.25	88.75	54.3		1.004	4.320
96.25	91.75	54.8		0.999	4.781
97.5	94.25	55.1		1.004	4.949
98.75	97.5	55.6		1.007	4.235
100.0	100.0	56.2		1.000	—



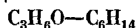
x	y	t	P	γ_1	γ_2
6.0	18.4	57.9	760	2.91	1.042
11.6	29.9	54.7		2.73	1.060
18.4	36.5	53.2		2.21	1.091
28.7	44.1	51.5		1.815	1.168
38.7	50.0	50.7		1.570	1.249
49.7	55.5	50.2		1.381	1.375
59.3	60.5	50.1		1.268	1.520
60.5	60.5	50.1		1.241	1.565
69.8	65.8	50.3		1.168	1.755
80.5	73.0	51.0		1.090	2.10
90.8	83.8	52.8		1.045	2.51



x	y	t	P	γ_1	γ_2
3.4	14.5	110.13	760	0.975	1.048
12.4	43.2	99.03		1.033	1.066
21.0	59.6	91.59		1.057	1.065
30.3	72.2	84.09		1.039	1.067
42.3	81.9	76.67		1.037	1.074
54.6	88.5	70.88		1.03	1.081
67.9	93.3	65.76		1.017	1.082
79.35	96.7	61.64		1.022	1.00
91.0	98.5	58.56		1.004	1.64



x	y	t	P	γ_1	γ_2
9.50	50.50	107.3	760	1.304	1.000
14.50	62.10	100.0		1.245	1.008
20.00	71.25	94.0		1.178	1.006
26.50	77.80	88.7		1.137	0.996
33.00	83.50	83.2		1.140	1.008
37.00	86.50	79.1		1.127	1.022
44.50	89.50	75.8		1.094	1.035
51.02	90.80	72.6		1.058	1.068
59.00	93.50	69.2		1.046	1.109
65.00	94.90	67.3		1.019	1.096
74.40	96.75	63.7		1.027	1.073
78.00	97.25	62.3		1.029	1.106
82.75	97.90	60.9		1.017	1.131
88.50	98.60	59.4		1.010	1.203
93.20	99.10	58.1		1.003	1.277



x	y	t	P	γ_1	γ_2
0.00	0.00	45.0	339.4	—	1.00
6.51	28.28		444.6	3.85	0.995
15.92	44.42		545.8	3.01	1.04
25.49	51.63		590.2	2.35	1.11
34.78	55.60		617.3	1.94	1.21

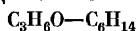
Таблица № 1151 (продолжение)

x	y	t	P	γ_1	γ_2
44.29	58.66	45.0	632.6	1.64	1.35
52.40	60.68		639.6	1.46	1.51
59.07	62.58		633.8	1.31	1.67
62.02	63.39		637.1	1.27—	1.77
71.68	66.62		634.0	1.15	2.14
79.23	70.34		627.8	1.09	2.58
80.22	72.92		623.3	1.11	2.45
86.92	75.83		603.4	1.03	3.21
92.88	82.55		583.2	1.02	4.13
96.58	90.03		543.3	1.00	4.59
100.00	100.0		505.0	1.00	—
0.00	0.00	—20.0	13.80	—	1.00
8.22	46.63		24.64	6.61	1.05
31.26	58.59		29.81	2.63	1.30
45.62	59.42		29.33	1.78	1.66
57.78	61.13		30.98	1.46	2.09
71.97	62.79		30.80	1.20	2.95
86.21	67.72		29.45	1.05	5.01
86.88	67.77		29.48	1.04	5.25
94.69	79.82		26.17—	1.01	7.08
100.00	100.00		21.72	1.00	—

№ 1152

АЦЕТОП—ГЕРСАП

[874]



x	y	t	P	γ_1	γ_2
0.00	0.00	20	119.6	—	1.000
9.13	39.66		187.2	4.477	1.032
25.63	54.21		226.7	2.630	1.153
30.19	55.95		232.3	2.355	1.211
35.43	57.37		232.4	2.060	1.268
40.35	58.27		237.0	1.875	1.368
53.25	60.92		238.8	1.496	1.644
66.09	63.62		237.7	1.253	2.104
73.09	65.64		239.3	1.175	2.517
76.79	67.22		237.9	1.140	2.773
78.62	68.25		234.3	1.115	2.870
82.19	69.75		234.1	1.089	3.281
85.28	72.02		230.3	1.067	3.614
91.05	77.78		220.6	1.034	4.529
96.19	87.39		202.9	1.014	5.559
100.00	100.00		181.5	1.000	—
0.00	0.00	—5	34.14	—	1.000
8.39	43.72		58.30	5.767	1.045
26.18	56.88		70.29	2.890	1.197
34.02	58.27		71.60	2.322	1.318

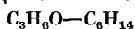
Таблица № 1152 (продолжение)

x	y	t	P	γ_1	γ_2
41.72	59.35	—5	72.49	1.950	1.472
45.69	59.88		72.82	1.807	1.567
52.30	60.57		73.51	1.611	1.770
60.39	61.61		73.26	1.413	2.065
72.50	63.89		72.96	1.216	2.786
85.35	68.51		70.87	1.077	4.436
93.37	77.38		64.89	1.017	6.457
97.68	89.00		58.40	1.009	8.072
100.00	100.00		52.63	1.000	—

№ 1153

АЦЕТОН—ГЕКСАН

[187]

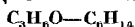


x	y	t	P	γ_1	γ_2
7.6	34.3	58.17	760	4.24	1.025
10.0	37.9	55.80		3.85	1.074
19.7	47.2	52.45		2.74	1.132
24.7	50.0	51.35		2.41	1.192
26.5	52.2	50.93		2.38	1.182
43.1	58.3	49.72		1.709	1.395
43.6	57.7	49.85		1.655	1.417
52.1	59.7	49.72		1.443	1.595
55.9	61.0	49.63		1.319	1.681
62.5	62.5	49.55		1.264	1.896
68.2	65.5	49.60		1.215	2.06
75.3	68.4	49.69		1.097	2.43
86.9	75.3	50.91		1.050	3.57

№ 1154

АЦЕТОН—ГЕКСАН

[131]



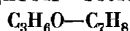
x	y	t	P	x	y	t	P
0.00	0.0	68.75	760	90.15	79.5	51.76	760
9.42	33.5	57.91		100.00	100.0	56.25	
19.86	48.3	53.51		0.00	0.0	55	
29.89	54.0	51.57		9.26	33.0		
39.83	58.4	50.54		18.46	47.6		
49.95	61.0	50.00		29.89	54.0		
59.99	61.6	49.78		39.33	57.8		
69.99	65.4	49.84		49.75	60.2		
80.07	70.0	50.31		59.98	62.8		

x	y	t	P	x	y	t	P
69.93	66.1	55	899.8	90.45	78.7	45	604.2
80.21	70.0		883.4	100.00	100.0		513.0
90.90	79.5		841.3	0.00	0.0	35	228.5
100.00	100.0		731.5	8.62	32.4		331.6
0.00	0.0	45	338.5	19.02	47.6		398.2
8.94	33.0		480.4	29.45	54.0		425.4
19.58	48.9		573.7	39.17	57.8		437.6
29.67	54.0		611.5	49.45	60.0		445.9
39.50	58.4		631.0	59.96	62.8		446.5
49.55	60.8		643.5	69.95	64.8		446.7
59.97	62.2		646.3	80.49	70.0		439.0
69.97	65.4		647.5	90.60	78.0		415.5
80.35	70.0		636.2	100.00	100.0		348.5

№ 1155

АЦЕТОН—ТОЛУОЛ

[927]

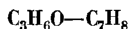


x	y	t	P	x	y	t	P
0.00	0.00	109.43	751	67.87	91.70	—	751
10.77	44.90	—		68.64	91.55	—	
14.99	—	88.28		78.71	—	61.22	
18.70	63.60	—		79.02	94.10	—	
34.63	—	74.93		80.79	94.90	—	
35.43	80.15	—		87.11	96.35	—	
38.29	81.10	—		89.99	—	58.71	
51.42	—	68.77		90.67	97.40	—	
51.85	87.00	—		93.82	98.10	—	
57.15	88.30	—		100.00	100.00	56.50	
65.98	—	64.37					

№ 1156

АЦЕТОН—ТОЛУОЛ

[873]



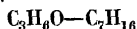
x	y	t	P	x	y	t	P
1.0	8.0	108.0	760	11.5	51.5	91.3	760
2.2	17.7	105.4		13.5	55.0	89.2	
3.5	26.0	103.0		15.5	60.8	86.5	
4.5	30.0	101.1		17.5	63.0	84.8	
5.9	34.5	99.4		20.0	67.0	82.8	
6.8	37.5	97.7		23.5	70.0	80.3	
7.8	39.8	96.4		27.5	74.5	78.0	
10.3	47.5	93.3		33.0	78.0	75.4	

x	y	t	P	x	y	t	P
37.8	81.0	73.1	760	78.2	95.0	61.0	760
41.8	83.4	71.2		83.0	96.2	59.9	
48.5	86.0	69.0		87.8	97.2	58.8	
55.0	88.2	66.8		92.5	98.0	57.9	
64.0	91.2	64.2		95.0	98.8	57.3	
71.6	93.2	62.8		98.1	99.5	56.7	

№ 1157

АЦЕТОН—ГЕПТАН

[955]

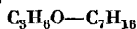


x	y	t	P	γ_1	γ_2
0.00	0.00	50	140.6	—	1.000
5.03	46.98		262.7	4.140	1.032
12.70	65.99		376.0	3.229	1.035
26.80	75.90		492.8	2.307	1.115
40.80	78.98		548.8	1.750	1.333
64.53	83.16		597.1	1.262	1.932
86.02	88.52		614.5	1.035	3.435
95.62	94.68		610.1	0.988	5.047
100.00	100.00		611.0	1.000	—

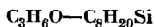
№ 1158

АЦЕТОН—ГЕПТАН

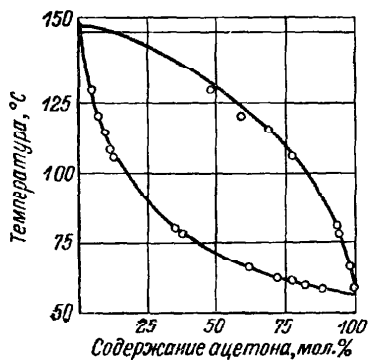
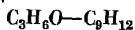
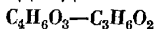
[857]



x	y	t	P	γ_1	γ_2
0.00	0.00	50	141.2	—	1.000
0.52	4.59		146.8	3.379	0.997
2.75	29.53		192.4	3.365	0.980
3.96	34.91		206.8	3.050	0.993
7.24	49.88		258.4	2.885	0.999
91.83	91.83		621.7	1.018	4.301
93.58	92.97		621.4	1.011	4.815
96.69	95.79		618.3	1.003	5.578
98.44	97.86		615.0	1.001	5.989
99.35	99.02		613.0	1.000	6.520
100.00	100.00		610.8	1.000	—



x	y	t	P	x	y	t	P
0.00	0.00	20	3.66	0.00	0.00	35	8.7
4.12	91.49		42.8	3.16	88.88		75.8
9.60	95.85		84.5	10.53	94.51		151.4
26.40	97.74		133.2	22.49	96.67		224.6
50.09	98.39		157.9	49.42	97.99		291.9
75.91	98.58		167.8	74.88	98.32		314.2
89.69	99.08		176.4	90.08	98.95		332.8
95.63	99.57		180.5	95.35	99.35		340.4
100.00	100.00		185.4	100.00	100.00		352.3


 $P = 760 \text{ мм}$


x	y	t	P	x	y	t	P
17.6	21.4	140.8	760	38.1	42.2	125.9	550
38.7	42.0	140.3		61.1	63.9	125.7	
62.0	65.1	140.1		84.1	85.9	125.5	
82.4	85.9	139.7		85.4	87.6	125.5	
16.0	21.2	126.2	550	89.8	92.8	125.3	

Таблица № 1161 (продолжение)

x	y	t	P	x	y	t	P
91.1	92.4	125.3	550	91.8	92.6	117.0	400
10.7	20.8	118.0	400	40.6	46.4	108.5	340
38.2	42.1	117.7		43.0	46.5	94.8	200
60.1	64.1	117.5		46.5	49.4	95.1	
86.0	87.6	117.2		66.0	68.8	95.9	
91.6	92.8	117.0					

№ 1162 МЕТИЛЭТИЛКЕТОН—ПРОПИОНОВАЯ КИСЛОТА [823]
 $C_4H_8O-C_3H_6O_2$

x	y	t	P	x	y	t	P
0	0.0	141.4	760	50	87.9	—	760
5	15.6	—		60	92.6	—	
10	29.2	—		70	95.5	—	
20	51.8	—		80	97.5	—	
30	68.3	—		90	98.9	—	
40	80.6	—		100	100.0	79.6	

№ 1163 [6]
 ПРОПИОНОВАЯ КИСЛОТА —
 МАСЛЯНАЯ КИСЛОТА
 $C_3H_6O_2-C_4H_8O_2$

x	y	t	P
0.0	0.0	163.9	760
20.0	36.8	153.6	
40.0	59.5	149.0	
60.0	77.7	144.8	
80.0	61.8	142.2	
100.0	100.0	141.3	

№ 1164 [382]
 МЕТИЛАЦЕТАТ—
 ЭТИЛАЦЕТАТ
 $C_3H_6O_2-C_4H_8O_2$

x	y	t	P
52.3	69.8	39.76	305.0
60.0	75.6		320.5
70.4	82.8		341.8
83.2	91.4		369.4
100.0	100.0		405.3

№ 1165 МЕТИЛАЦЕТАТ—БЕНЗОЛ [792]
 $C_3H_6O_2-C_6H_6$

x	y	t	P	γ_1	γ_2
5.5	13.3	76.9	760	1.267	1.025
7.6	17.5	75.9		1.244	1.018
13.9	28.2	73.5		1.181	1.026
18.9	35.6	71.8		1.155	1.033

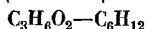
Таблица № 1165 (продолжение)

x	y	t	P	γ_1	γ_2
21.2	38.7	71.0	760	1.147	1.039
33.8	52.8	67.5		1.095	1.069
36.2	54.5	66.8		1.084	1.095
50.5	66.5	63.8		1.043	1.151
62.0	74.9	61.8		1.022	1.203
73.5	83.2	60.1		1.013	1.226
86.3	91.4	58.4		1.004	1.290
89.5	93.3	57.9		1.006	1.335

№ 1166

МЕТИЛАЦЕТАТ—ЦИКЛОГЕРКАН

[794]

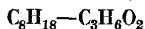


x	y	t	P	γ_1	γ_2
3.3	18.2	74.3	760	3.130	1.031
8.5	35.0	68.4		2.804	1.046
14.2	44.3	64.9		2.383	1.073
28.3	57.5	59.7		1.843	1.170
31.3	59.4	59.0		1.761	1.195
37.3	62.5	57.9		1.614	1.288
47.8	66.4	56.8		1.389	1.406
50.7	67.3	56.7		1.333	1.454
61.6	71.4	56.0		1.194	1.674
68.8	74.4	55.8		1.120	1.857
72.2	75.9	55.7		1.093	1.969
78.1	78.9	55.5		1.054	2.204
83.5	82.0	55.55		1.027	2.491
94.0	91.4	55.8		1.007	3.244

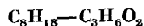
№ 1167

ОКТАН—ПРОПИОНОВАЯ КИСЛОТА

[6381]

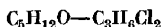


x	y	t	P	x	y	t	P
0.0	0.0	141.1	760	58.4	65.1	121.6	760
1.2	4.5	139.8		79.0	75.6	121.3	
2.6	8.4	138.2		93.5	87.5	122.6	
3.8	11.8	137.5		94.8	88.9	122.9	
3.8	16.9	136.1		98.3	94.8	124.0	
10.9	33.5	130.9		99.6	98.7	125.1	
19.3	43.6	127.3		100.0	100.0	125.8	
31.5	52.9	123.6					

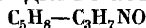


x	y	t	P	x	y	t	P
5.1	12.0	136.8	750	59.5	64.8	121.4	750
8.2	23.4	133.2		64.9	66.0	119.8	
13.5	33.7	129.2		70.1	69.0	121.8	
20.5	40.7	—		76.6	73.1	122.0	
25.8	44.7	—		88.8	82.7	122.9	
36.1	51.2	122.6		93.8	87.8	123.7	
46.1	56.6	121.9		96.7	91.8	124.8	

2,3-ДИХЛОРПРОПИЛОВЫЙ СПИРТ



x	y	t	P	x	y	t	P
1.45	3.90	Нет данных	735	68.69	91.84	Нет данных	735
4.32	13.64			77.34	94.74		
7.15	22.42			85.40	96.88		
13.98	41.33			92.94	98.70		
26.78	65.52			96.52	99.38		
38.53	77.50			97.93	99.73		
49.37	84.55			99.32	99.93		
59.40	88.48						



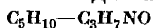
x	y^*	t	P	γ_1	γ_2
10	95.661	68.0	760	3.39	1.020
20	97.922	55.5		2.49	1.080
30	98.645	49.0		2.02	1.183
40	98.973	45.5		1.700	1.300
50	99.215	42.5		1.500	1.446
60	99.366	40.5		1.336	1.665
70	99.501	38.7		1.220	1.970
80	99.621	37.2		1.120	2.49
90	99.774	35.6		1.057	3.32

* Расчетные данные.

1171

ТРИМЕТИЛЭТИЛЕН—ДИМЕТИЛФОРМАМИД

[191]

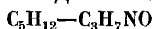


x	y^*	t	P	γ_1	γ_2
10	96.953	61.0	760	5.75	1.036
20	98.594	48.7		3.51	1.093
30	98.987	44.0		2.73	1.209
40	99.094	42.7		2.15	1.374
50	99.147	42.0		1.755	1.622
60	99.213	41.3		1.507	1.960
70	99.273	40.7		1.316	2.51
80	99.342	40.0		1.170	3.57
90	99.511	39.4		1.070	5.54

№ 1172

ИЗОПЕНТАН—ДИМЕТИЛФОРМАМИД

[191]



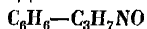
x	y^*	t	P	γ_1	γ_2
10	99.484	32.0	760	8.65	1.088
20	99.551	28.8		5.49	1.204
30	99.598	28.7		3.09	1.397
40	99.611	28.7		2.42	1.575
50	99.612	28.7		1.954	1.880
60	99.612	28.7		1.635	2.35
70	99.616	28.7		1.382	3.11
80	99.617	28.7		1.210	4.64
90	99.678	28.6		1.093	7.88

* Расчетные данные.

№ 1173

БЕНЗОЛ—ДИМЕТИЛФОРМАМИД

[475]

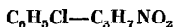


x	y	t	P	γ_1	γ_2
5.5	35.5	140	760	1.380	0.935
10.0	49.0	131.5		1.260	1.005
20.0	69.0	119		1.160	1.030
35.0	83.5	106		1.110	1.060
56.0	92.5	95.2		1.062	1.120
65.5	94.5	91		1.045	1.185
80.0	97.5	85		1.029	1.230

№ 1174

ХЛОРБЕНЗОЛ—1-НИТРОПРОПАН

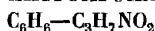
[700]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
11.9	15.9	75	119.4	77.1	74.5	120	129.5
13.2	17.4		119.6	9.6	11.8		565.2
18.7	23.3		121.6	28.2	31.4		590.2
28.9	33.5		125.2	45.4	47.1		597.2
46.0	48.4		128.9	50.7	51.2		597.6
47.2	49.3		129.8	67.5	65.2		596.6
58.3	58.7		129.5	76.5	73.0		589.4
69.1	68.0		127.1	84.4	80.4		579.9

№ 1175

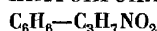
[944]

БЕНЗОЛ—
1-НИТРОПРОПАН

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	25	11.1
17.8	70.4		30.0
32.9	81.2		44.5
43.1	85.6		61.1
52.1	88.9		67.8
60.7	92.04		76.5
72.7	93.21		83.2
81.2	96.64		87.0
100.0	100.0		96.1

№ 1176

[944]

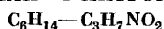
БЕНЗОЛ—
2-НИТРОПРОПАН

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	25	17.85
5.6	29.2		23.0
19.0	39.7		36.6
37.1	78.8		52.8
49.3	84.5		62.3
54.6	83.8		62.8
71.3	91.67		78.0
78.1	93.31		82.2
92.43	96.72		91.4
100.0	100.0		96.1

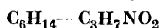
№ 1177

ГЕКСАН—1-НИТРОПРОПАН

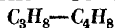
[944]



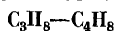
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	25	11.1	74.5	95.89	25	142.3
7.2	79.1		53.8	78.3	96.33		143.3
9.7	87.7		75.0	81.7	96.91		144.7
18.4	90.31		109.4	90.9	97.49		148.9
24.2	92.25		123.0	92.99	97.83		148.5
31.5	94.87		127.6	93.63	98.07		148.3
38.6	95.55		133.9	94.23	98.33		149.5
66.0	95.94		137.0	100.0	100.0		151.1
70.3	95.36		140.9				



x	y	t	P	x	y	t	P
0.0	0.0	25	17.85	67.9	92.74	25	143.2
6.6	74.2		68.5	71.9	93.03		143.9
11.7	82.1		92.4	76.2	93.52		146.5
17.5	85.5		111.8	78.4	94.1		146.9
24.5	87.9		123.2	88.8	94.78		148.5
33.9	90.89		130.3	90.0	95.46		148.4
45.5	91.67		136.8	90.79	95.55		147.5
52.7	92.5		138.9	91.33	96.62		151.0
57.9	92.74		141.4	100.0	100.0		151.1



x	y	t	P , атм	x	y	t	P , атм
49.0	35.9	71.1	13.6	28.6	41.3	105.5	27.2
45.4	64.8	65.6		43.8	57.2	96.7	
57.9	76.0	54.4		64.8	75.4	87.8	
74.1	—	48.9		73.4	82.7	84.4	
75.2	—	48.9		84.7	89.5	79.4	
75.7	87.7	48.3		10.5	15.1	129.4	31.4
9.1	16.8	99.4	20.4	35.1	43.4	113.9	
18.3	31.3	93.9		48.9	58.3	107.2	
19.7	33.7	92.8		66.6	74.1	99.4	
23.7	—	90.0		76.8	82.3	95.0	
30.9	47.3	86.1		85.3	88.9	92.2	
40.3	—	83.3		29.1	32.8	128.3	40.8
46.4	02.3	80.0		49.0	55.6	118.9	
64.3	76.0	72.2		59.1	64.7	113.3	
77.4	86.5	66.1		74.2	78.4	106.7	
83.4	90.3	65.0		79.9	83.0	103.3	
8.6	14.0	116.7	27.2				



x	y	t	P , атм	x	y	t	P , атм
0.0	0.0	85.6	13.6	40.0	59.9	61.1	13.6
10.0	20.5	77.2		50.0	68.8	57.2	
20.0	37.2	70.6		60.0	77.0	53.3	
30.0	49.7	65.6		70.0	84.0	50.6	

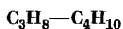
Таблица № 1180 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
80.0	89.7	46.7	13.6	100.0	100.0	72.8	27.2
90.0	94.8	42.8		0.0	0.0	137.2	34.0
100.0	100.0	38.3		10.0	14.4	129.4	
0.0	0.0	106.1	20.4	20.0	27.3	123.3	
10.0	18.4	98.9		30.0	38.7	116.7	
20.0	33.8	92.8		40.0	49.5	111.6	
30.0	46.2	87.2		50.0	59.5	106.7	
40.0	56.6	82.8		60.0	68.6	102.2	
50.0	65.9	78.3		70.0	77.1	97.8	
60.0	74.2	73.9		80.0	85.0	93.9	
70.0	81.6	70.0		90.0	92.5	90.6	
80.0	88.2	66.1		100.0	100.0	87.2	
90.0	94.1	62.8		0.0	0.0	—	48.0
100.0	100.0	58.3		10.0	12.5	138.9	
0.0	0.0	122.2	27.2	20.0	21.7	133.8	
10.0	16.2	116.1		30.0	33.8	127.8	
20.0	30.3	110.0		40.0	45.8	122.7	
30.0	42.6	103.9		50.0	56.4	118.3	
40.0	53.1	98.3		60.0	65.8	113.3	
50.0	62.8	93.9		70.0	74.8	108.3	
60.0	71.5	89.4		80.0	83.2	104.4	
70.0	79.4	85.6		90.0	91.5	100.0	
80.0	86.7	81.7		100.0	100.0	93.3	
90.0	93.4	77.2					

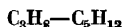
№ 1181

ПРОПАН—БУТАН

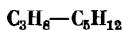
[806]



x	y	t	P , ата	x	y	t	P , ата
18.3	—	87.8	16.3	—	51.6	104.4	26.1
—	18.3		14.0	69.45	—		36.7
33.9	—		19.5	—	69.45		32.2
—	33.9		15.9	85.5	—		41.9
51.6	—		23.6	—	85.5		40.3
—	51.6		18.8	18.3	—	121.1	29.3
69.45	—		27.8	—	18.3		26.3
—	69.45		23.2	33.9	—		33.8
85.5	—		32.2	—	33.9		29.5
—	85.5		29.3	51.6	—		38.4
18.3	—	104.4	22.2	—	51.6		35.0
—	18.3		19.7	18.3	—	137.8	37.6
33.9	—		26.1	—	18.3		35.7
—	33.9		22.3	33.9	—		41.4
51.6	—		31.0	—	33.9		40.8



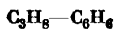
x	y	t	P , ата	x	y	t	P , ата
5.8	29.5	71.1	4.08	27.2	54.6	121.1	20.4
12.4	48.2		5.45	35.7	62.5		23.8
18.9	60.0		6.80	43.7	68.7		27.2
27.0	70.1		8.50	51.4	73.7		30.6
35.0	77.0		10.2	58.8	77.5		34.0
50.4	86.3		13.6	65.2	80.0		37.4
65.7	92.0		17.0	71.5	82.0		40.8
79.9	95.8		0.4	77.6	83.3		44.2
92.5	98.6		23.8	2.4	7.8	137.8	13.6
4.0	19.3	87.8	5.45	9.3	25.3		17.0
9.0	35.5		6.80	16.1	36.2		20.4
15.0	48.6		8.50	23.1	45.2		23.8
21.3	58.3		10.2	30.1	53.3		27.8
33.9	71.6		13.6	36.9	58.3		30.6
46.3	80.2		17.0	43.7	63.5		34.0
57.8	86.1		20.4	50.3	67.5		37.4
68.5	90.6		23.8	56.8	69.7		40.8
78.3	94.0		27.2	63.9	70.4		44.2
87.6	96.8	104.4	30.6	0.4	1.2	154.4	17.0
96.2	99.1		34.0	6.5	16.4		20.4
1.3	6.2		6.80	12.5	27.5		23.8
6.4	24.7		8.50	18.4	35.8		27.2
11.3	37.0		10.2	24.6	42.3		30.6
21.2	53.5		13.6	30.9	47.6		34.0
31.2	64.2		17.0	37.2	51.8		37.4
41.3	72.1		20.4	43.3	54.3		40.8
50.9	77.9		23.8	2.9	7.1	171.1	23.8
59.7	82.3		27.2	8.3	17.7		27.2
68.1	86.3	.	30.6	13.5	25.3		30.6
75.9	89.7		34.0	18.9	31.0		34.0
82.4	92.2		37.4	24.3	34.6		37.4
88.8	94.0		40.8	30.4	35.8		40.8
3.0	11.2	121.1	10.2	3.0	5.0	187.8	30.6
11.2	32.1		13.6	7.0	12.0		34.0
19.2	45.1		17.0				



x	y	t	P , ата	x	y	t	P , ата
0.0	0.0	0	0.33	27.4	82.1	0	1.5
3.5	35.1		0.50	39.0	88.4		2.0
8.8	49.8		0.75	62.1	94.96		3.0
15.8	70.3		1.0	85.0	98.45		4.0
21.2	76.4		1.2	100.0	100.0		4.75

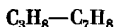
Таблица № 1183 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
0.0	0.0	25	0.88	32.3	56.3	125	25.0
7.4	40.4		1.5	43.7	65.2		30.0
13.7	58.1		2.0	47.9	67.9		32.0
19.8	68.6		2.5	53.9	71.5		35.0
26.1	75.4		3.0	57.7	73.5		37.0
38.2	84.3	50	4.0	61.3	75.3	150	39.0
50.1	89.7		5.0	63.1	76.2		40.0
73.4	95.9		7.0	64.9	76.9		41.0
100.0	100.0		9.32	66.9	77.6		42.0
0.0	0.0		2.0	69.1	78.1		43.0
7.8	36.8	75	3.0	71.5	79.0	160	44.0
15.0	54.6		4.0	76.0	76.0		45.2
22.1	65.5		5.0	0.0	0.0		18.1
35.8	78.2		7.0	3.5	8.1		20
56.2	88.6		10.0	13.1	25.5		25
76.1	94.81	100	13.0	22.6	37.6	170	30
89.7	97.87		15.0	26.4	41.5		32
100.0	100.00		17.0	32.0	46.7		35
0.0	0.0		4.0	35.9	49.4		37
4.6	19.7		5.0	39.8	51.7		39
14.7	46.6	125	7.0	41.7	52.5	180	40
21.8	58.1		8.5	43.8	53.0		41
29.0	66.5		10.0	46.0	53.1		42
42.3	77.3		13.0	48.4	52.5		43
50.9	82.2		15.0	51.0	51.0		43.5
71.1	90.7	150	20.0	0.0	0.0	190	21.5
89.4	96.62		25.0	7.2	12.3		25
100.0	100.0		28.3	15.1	25.7		30
0.0	0.0		7.04	18.8	29.9		32
4.9	15.3		8.5	24.2	35.3		35
9.7	28.3	175	10.0	27.9	38.2	200	37
19.5	49.6		13.0	32.0	40.3		39
25.7	57.7		15.0	34.2	40.9		40
41.4	71.3		20.0	36.5	41.1		41
55.8	79.9		25.0	39.6	39.6		41.8
69.4	86.3	200	30.0	0.0	0.0	210	25.2
74.5	88.4		32.0	7.7	13.2		30
82.0	91.4		35.0	11.1	17.7		32
86.5	93.3		37.0	16.5	23.5		35
90.95	95.1		39.0	20.4	26.1		37
93.1	96.0	225	40.0	24.7	27.5	220	39
95.2	96.95		41.0	26.5	26.5		39.6
97.1	97.85		41.95	0.0	0.0		29.3
98.3	98.3		42.55	3.8	5.7		32
0.0	0.0		11.5	9.0	11.5		35
8.1	21.1	250	15.0	12.2	12.2	230	36.5
20.5	43.1		20.0				

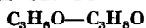


x	y	t	P , ата	x	y	t	P , ата
0.00	0.00	37.8	0.22	29.44	78.63	137.7	23.8
3.97	83.29		1.36	35.12	80.87		27.2
10.54	90.88		2.72	40.41	82.40		30.6
19.37	94.10		4.08	46.51	83.98		34.0
30.43	95.98		5.44	53.29	85.19		37.4
43.60	97.14		6.80	59.89	86.36		40.8
79.02	99.04		10.2	66.29	87.57		44.2
100.00	100.00		12.8	73.58	87.98		47.6
0.00	0.00	71.1	0.75	80.77	88.20		51.0
1.34	43.69		1.36	87.50*	87.50		52.3
4.81	73.59		2.72	0.00	0.00	171.1	8.57
8.45	83.59		4.08	1.81	15.26		10.2
12.91	87.50		5.44	5.58	35.01		13.6
17.71	89.51		6.80	9.36	46.64		17.0
32.11	92.72		10.2	13.24	54.40		20.4
48.30	95.18		13.6	17.18	60.03		23.8
65.26	97.00		17.0	21.11	64.12		27.2
80.69	98.44		20.4	25.23	67.20		30.6
92.85	99.45		23.8	29.42	69.71		34.0
100.00	100.00		26.1	33.76	71.39		37.4
0.00	0.00	104.4	1.99	38.07	73.01	204.4	40.8
1.30	26.21		2.72	42.18	74.18		44.2
3.83	49.87		4.08	47.25	74.83		47.6
6.47	61.79		5.44	51.99	74.92		51.0
9.13	69.04		6.80	57.10	70.78		54.4
16.68	78.95		10.2	63.63	70.76		57.8
24.84	84.21		13.6	68.32*	68.32		58.4
33.67	87.61		17.0	0.00	0.00		15.1
42.51	90.10		20.4	1.70	9.69		17.0
51.52	91.85		23.8	4.91	23.19		20.4
60.53	93.60	137.7	27.2	7.72	31.48		23.8
69.90	94.98		30.6	11.62	38.22		27.2
78.05	96.00		34.0	14.38	43.88		30.6
85.27	96.92		37.4	17.25	47.54		34.0
92.83	97.83		40.8	20.42	50.83		37.4
98.51*	98.51		43.5	23.82	53.54		40.8
0.00	0.00		4.40	27.37	56.03		44.2
1.43	18.08		5.44	31.05	57.86		47.6
3.15	33.44		6.80	34.71	58.80		51.0
8.18	54.06		10.2	38.33	58.38		54.4
13.22	64.63		13.6	43.60	55.51		57.8
18.46	71.15		17.0	48.71*	48.71		59.0
23.86	75.52		20.4				

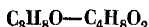
Примечание. Звездочкой помечены критические точки.



x	y	t	P , ата	x	y	t	P , ата
28.3	96.6	0	2.04	35.6	96.0	75	10.75
41.4	97.0		2.59	35.6	96.1		11.22
51.4	97.0		2.92	55.4	96.4		15.99
54.3	96.1		3.20	71.4	98.5		19.94
65.2	97.1	25	3.54	74.9	97.3	94.6	20.49
69.1	96.9		3.67	75.9	97.8		20.54
17.2	96.8		2.31	21.7	96.9		9.59
21.0	96.1		2.72	37.9	98.4		15.59
29.1	96.2	50	3.57	57.2	100.0	120	22.11
40.2	97.4		4.76	75.8	99.1		28.36
56.1	96.6		5.92	86.9	100.0		32.31
81.3	98.4		7.55	8.8	74.4		6.05
79.7	97.2	75	7.62	16.2	81.5	129	9.59
15.6	96.4		3.13	27.8	89.4		16.00
32.7	96.4		6.74	44.1	89.1		24.19
39.2	96.6		7.76	59.0	87.0		30.86
48.3	97.8	75	9.05	68.4	92.8	129	35.07
60.0	97.3		10.69	40.3	90.5		25.86
91.7	98.0		15.34	60.6	92.1		36.45
11.1	91.7		3.47	79.3	92.8		46.98
23.3	95.6		7.90	84.6	91.4		51.72



x	y	t	P	γ_1	γ_2
5.75	11.00	96.1	760	1.17	1.03
6.10	11.10	95.9		1.12	1.04
14.55	23.25	94.2		1.03	1.03
22.85	35.10	92.8		1.03	1.02
30.95	44.35	91.4		1.02	1.03
31.25	45.00	91.4		1.02	1.03
42.00	55.45	90.0		0.99	1.05
43.55	57.25	89.7		0.99	1.04
51.90	66.00	88.5		1.01	1.08
63.10	74.80	87.0		1.00	1.05
73.05	82.25	85.8		0.99	1.06
76.75	84.95	85.3		1.00	1.07
85.85	91.75	84.1		1.01	1.02
91.00	95.25	83.4		1.01	0.94

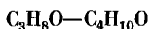


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
4.5	10.0	99.5	760	53.4	69.0	86.2	760
7.0	16.5	98.2		55.9	70.0	85.7	
9.2	20.0	97.6		59.5	72.6	85.3	
9.25	20.2	97.4		70.0	79.4	84.4	
11.9	28.0	95.7		73.1	81.0	84.1	
17.5	34.0	94.0		82.3	87.3	83.45	
24.7	45.5	91.7		87.0	89.3	83.2	
30.0	51.4	90.2		90.3	92.9	82.9	
34.3	54.3	89.0		91.8	93.3	82.95	
37.0	58.1	88.4		96.4	96.7	82.5	

№ 1188

ПРОПИЛОВЫЙ СПИРТ—БУТИЛОВЫЙ СПИРТ

[548]

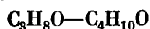


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	117.6	760	53.4	71.05	105	760
9.66	18.15	115		67.0	81.4	102.5	
19.1	33.0	112.5		81.9	90.77	100	
29.7	47.15	110		100.0	100.0	97	
41.05	59.65	107.5					

№ 1189

ПРОПИЛОВЫЙ СПИРТ—ИЗОБУТИЛОВЫЙ СПИРТ

[250]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	50	56.0	0.0	0.0	70	157.0
11.4	17.0		59.7	11.4	15.9		166.5
22.8	32.5		63.8	21.1	29.9		175.8
27.9	39.2		65.8	27.9	37.5		182.4
34.7	48.0		67.5	37.6	48.1		191.4
45.4	57.1		71.9	48.3	58.5		200.0
53.2	66.1		75.0	56.1	68.0		208.0
64.9	76.3		79.2	67.8	75.7		217.3
75.1	84.0		82.4	72.7	80.7		223.1
87.8	92.3		86.8	84.9	90.5		233.7
100.0	100.0		91.0	100.0	100.0		247.5
0.0	0.0	60	96.0	0.0	0.0	80	249.8
11.4	17.1		101.7	11.4	16.5		265.0
21.1	29.7		107.5	23.3	32.1		280.9
28.9	38.5		112.0	27.4	36.5		286.0
34.7	45.2		115.1	35.7	45.9		297.0
45.4	58.5		121.7	42.5	53.4		306.8
55.6	68.0		127.7	53.2	63.0		320.5
64.9	75.7		133.0	67.8	77.8		340.2
75.1	83.5		137.9	77.6	83.9		350.8
84.9	90.8		143.7	87.8	92.0		365.5
100.0	100.0		152.0	100.0	100.0		381.0

ИЗОПРОПИЛОВЫЙ СПИРТ—ИЗОБУТИЛОВЫЙ СПИРТ
 $C_3H_8O—C_4H_{10}O$

[336]

x	y	t	P	γ_1	γ_2
4.65	11.20	106.2	760	1.02	1.00
11.55	25.10	103.4		1.01	1.01
21.85	42.70	99.9		1.02	1.00
23.05	44.10	99.4		1.02	1.01
34.55	58.45	95.8		1.02	1.02
38.70	62.90	94.9		1.01	1.00
44.10	67.70	93.7		1.00	1.00
54.55	75.80	90.9		1.01	1.03
63.80	82.45	88.7		1.02	1.04
74.50	88.75	86.9		1.00	1.01
82.75	92.95	85.4		1.00	1.00
94.85	98.05	83.2		1.01	1.02

ИЗОПРОПИЛОВЫЙ СПИРТ—МЕТИЛПРОПИЛКЕТОН
 $C_3H_8O—C_5H_{10}O$

[337]

x	y	t	P	γ_1	γ_2
7.55	20.30	98.2	760	1.49	1.05
14.55	32.95	94.9		1.41	1.08
24.60	46.10	91.4		1.33	1.15
37.20	58.00	88.6		1.23	1.18
48.40	66.40	86.7		1.17	1.24
58.45	72.00	85.4		1.10	1.35
68.50	78.00	84.4		1.06	1.47
78.15	84.15	83.6		1.04	1.58
86.55	89.75	83.0		1.02	1.69
95.65	96.70	82.6		1.01	1.72

ПРОПИЛОВЫЙ СПИРТ—ПРОПИЛАЦЕТАТ
 $C_3H_8O—C_5H_{10}O_2$

[220]

x	y	t	P	x	y	t	P
0.0	0.0	63.35	200	70.7	61.5	60.83	200
16.2	21.5	60.96		79.2	68.9	61.73	
31.6	35.8	60.13		87.1	78.4	62.79	
40.7	41.6	59.98		93.5	87.4	64.02	
52.6	48.9	59.99		100.0	100.0	65.76	
60.9	54.5	60.26		0.0	0.0	81.99	400

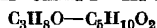
Таблица № 1192 (продолжение)

φ	y	t	P	x	y	t	P
46.2	23.2	79.06	400	70.7	67.0	88.17	600
31.6	38.1	77.68		79.2	74.6	88.67	
40.7	44.3	77.26		87.1	82.6	89.31	
52.6	52.6	77.07		93.5	89.9	90.01	
60.9	58.2	77.20		100.0	100.0	91.06	
70.7	65.0	77.59	600	0.0	0.0	101.56	760
79.2	72.6	78.21		16.2	24.9	98.00	
87.1	81.1	78.99		31.6	39.9	96.16	
93.5	88.9	79.88		40.7	47.7	95.37	
100.0	100.0	81.16		52.6	55.4	94.87	
0.0	0.0	93.99		60.9	61.2	94.77	600
16.2	23.9	90.73		70.7	68.5	94.83	
31.6	39.3	89.12		79.2	75.6	95.15	
40.7	46.7	88.43		87.1	83.7	95.66	
52.6	54.3	88.06		93.5	90.7	96.33	
60.9	60.0	88.06		100.0	100.0	97.18	

№ 1193

ПРОПИЛОВЫЙ СПИРТ—ПРОПИЛАЦЕТАТ

[854]

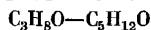


x	y	t	P	x	y	t	P
13.6	21.6	98.0	760	71.5	68.8	94.9	760
29.0	37.0	96.2		83.1	79.3	95.6	
38.7	44.8	95.4		86.4	82.5	95.8	
44.4	49.2	95.2		90.5	87.1	96.2	
55.8	57.3	94.8		95.2	93.0	96.7	
63.6	62.7	94.7					

№ 1194

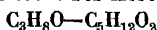
ПРОПИЛОВЫЙ СПИРТ—ИЗОАМИЛОВЫЙ СПИРТ

[548]



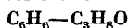
x	y	t	P	x	y	t	P
0.0	0.0	131	760	47.35	75.15	110	760
1.08	3.25	130		55.6	80.85	107.5	
5.42	15.15	127.5		64.95	86.45	105	
10.1	26.1	125		75.15	91.34	102.5	
15.15	36.3	122.5		86.4	95.73	100	
20.55	45.5	120		100.0	100.0	97	
32.85	61.07	115					

x	y	t	P	x	y	t	P
0.0	0.0	50	17.5	0.0	0.0	70	57.5
8.8	33.9		24.0	11.0	33.5		77.0
19.0	54.1		31.2	20.7	52.8		96.3
33.0	72.3		42.0	37.0	71.5		128.2
42.5	79.8		49.4	47.0	78.9		145.9
49.8	84.4		54.3	51.5	81.4		153.2
58.4	87.8		60.9	64.6	89.0		180.0
69.0	92.4		67.5	73.0	92.4		195.1
77.3	94.7		75.0	78.3	93.9		205.8
88.0	97.5		82.3	89.1	97.4		226.0
100.0	100.0	60	91.0	100.0	100.0	80	247.5
0.0	0.0		32.0	0.0	0.0		97.0
9.0	35.7		43.0	9.0	30.2		123.3
18.7	52.8		55.1	20.8	51.0		156.0
33.0	71.0		72.0	35.5	68.9		198.5
43.0	79.1		84.0	47.0	79.8		234.9
50.0	80.0		93.0	50.0	81.4		240.8
59.6	87.5		102.9	56.9	84.0		259.0
73.0	93.6		117.5	68.0	89.5		290.2
77.5	94.7		124.2	78.2	93.4		319.1
88.2	97.6	100.0	139.2	89.1	96.6	100.0	349.7
100.0	100.0		152.0	100.0	100.0		381.0

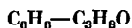
ИЗОПРОПИЛОВЫЙ СПИРТ—МОНОИЗОПРОПИЛОВЫЙ ЭФИР
ЭТИЛЕНГЛИКОЛЯ

x	y	t	P	x	y	t	P
6.7	31.7	Нет данных	740	29.4	73.9	Нет данных	740
7.4	36.0			44.0	86.3		
8.2	39.6			65.0	94.8		
13.3	45.8			66.4	95.5		
15.4	53.4			85.8	99.3		
27.8	73.3						

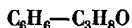
БЕНЗОЛ—ПРОПИЛОВЫЙ СПИРТ



x	y	t	P	x	y	t	P
0.0	0.0	40	50.2	41.6	79.5	40	175.0
9.9	58.4		102.0	50.8	81.3		183.5
13.0	67.7		114.0	70.0	83.7		193.0
20.9	70.6		134.2	82.0	85.4		196.0
29.1	76.0		156.0	96.1	91.6		191.7
36.0	78.5		168.4				



x	y	t	P	x	y	t	P
46.9	81.7	27.8	100	92.3	89.1	48.3	275
60.3	83.0	26.4		96.5	91.7	48.4	
76.0	87.5	26.1		99.3	96.5	49.4	
81.5	88.7	26.0		6.66	27.9	90.4	
87.2	89.8	25.8		9.51	38.9	87.7	
92.7	91.8	25.8		15.3	51.0	83.6	
99.3	96.7	26.1		23.6	64.0	79.5	
6.27	32.9	63.7		40.5	67.8	78.0	
18.2	58.2	56.6		49.0	72.0	76.9	
28.2	68.7	52.7		55.7	74.2	76.2	
38.9	75.0	50.6	275	68.0	76.2	76.1	750
50.5	77.5	49.6		77.2	78.5	75.7	
58.2	78.2	48.8		85.5	81.7	75.9	
64.1	82.2	48.6		90.3	84.3	76.3	
81.4	85.0	48.2		95.3	87.7	76.8	
88.5	87.3	48.2					



x	y	t^*	P , ата	$\lg \frac{y_1}{y_2}$	x	y	t	P , ата	$\lg \frac{y_1}{y_2}$
10	19.9	120.7	3.040	0.277	40	44.7	150.8	7.120	0.059
20	33.8	117.6		0.204	50	51.3	150.2		0.005
30	44.0	115.7		0.144	60	58.5	150.3		-0.050
40	51.5	114.2		0.075	70	66.0	150.7		-0.105
50	57.8	113.4		0.008	80	74.8	152.3		-0.160
60	63.9	112.6		-0.063	90	85.6	155.2		-0.213
70	70.2	112.1		-0.139	10	14.8	159.6	7.936	0.202
80	76.7	112.9		0.217	20	26.3	157.2		0.155
90	85.8	115.8		-0.295	30	36.0	155.6		0.107
10	46.3	138.3	4.536	0.230	40	43.5	155.0		0.056
20	29.3	134.6		0.179	50	50.3	154.7		0.004
30	40.4	132.8		0.126	60	57.1	155.1		-0.046
40	49.0	131.7		0.067	70	64.7	156.3		-0.098
50	55.8	130.6		0.006	80	74.2	158.0		-0.148
60	62.9	130.0		-0.058	90	85.8	160.5		-0.202
70	68.9	130.0		-0.120	10	13.0	177.4	11.70	0.170
80	76.0	131.3		-0.184	20	24.8	174.4		0.129
90	85.8	134.2		-0.247	30	34.0	173.3		0.088
10	15.6	157.0	7.120	0.215	40	41.7	172.8		0.045
20	27.5	153.7		0.167	50	49.5	172.4		0.003
30	37.2	151.8		0.113	60	57.2	173.1		-0.039

* Данные определены по графикам, приведенным в статье.

Таблица № 1199 (продолжение)

x	y	t^*	P , ата	$\lg \frac{\gamma_1}{\gamma_2}$	x	y	t	P , ата	$\lg \frac{\gamma_1}{\gamma_2}$
70	64.7	174.3	11.70	-0.082	40	40.8	186.9	14.74	0.045
80	74.2	177.0		-0.127	50	44.7	187.2		0.003
90	85.3	179.7		-0.172	60	54.6	188.4		-0.040
10	11.8	190.5	14.74	0.151	70	62.7	189.7		-0.078
20	23.1	188.7		0.119	80	73.0	191.8		-0.117
30	33.0	187.5		0.084	90	86.1	194.1		-0.157

№ 1200

[395]

№ 1201

[174]

БЕНЗОЛ—
ПРОПИЛОВЫЙ СПИРТ
 $C_6H_6-C_3H_8O$

x	y	t	P
8.60	47.48	45	122.08
10.18	65.63		170.06
29.67	72.10		194.66
39.47	75.98		211.04
47.48	78.15		220.42
51.93	79.20		224.13
59.39	80.65		229.51
70.27	82.72		234.89
78.50	84.40		237.55
90.23	88.06		238.35
95.30	91.57		235.26

БЕНЗОЛ—
ПРОПИЛОВЫЙ СПИРТ
 $C_6H_6-C_3H_8O$

x	y	t	P
0.0	0.0	97.15	760
8.0	30.9	90.84	
15.2	45.4	86.53	
32.9	62.9	80.72	
53.0	70.7	78.12	
75.3	77.5	77.16	
89.8	85.5	77.49	
94.9	90.1	78.33	
100.0	100.0	80.10	

№ 1202

БЕНЗОЛ—ПРОПИЛОВЫЙ СПИРТ
 $C_6H_6-C_3H_8O$

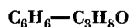
[864]

x	y	t	P	γ_1	γ_2
0.0	0.0	97.25	760	—	1.00
4.9	14.2	92.8		1.99	1.07
10.4	29.6	88.4		2.22	1.12
18.0	43.6	84.75		2.40	1.14
25.4	53.0	82.0		1.97	1.17
39.8	62.2	79.0		1.62	1.33
50.4	68.0	77.4		1.47	1.46
64.0	72.8	76.5		1.27	1.78
76.4	77.4	76.0		1.15	2.31
79.2	77.6	76.05		1.11	2.59
83.4	81.2	76.25		1.10	2.70
91.6	86.4	76.9		1.04	3.75
95.6	91.6	78.25		1.01	4.16
100.0	100.0	80.1		1.00	—

1203

БЕНЗОЛ—ИЗОПРОПИЛОВЫЙ СПИРТ

[837]

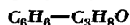


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
4.3	11.3	Нет данных	760	46.1	66.7	Нет данных	760
8.6	21.9			49.0	69.1		
11.7	29.6			53.7	71.3		
15.8	37.8			70.0	78.9		
18.4	43.1			84.8	84.8		
28.8	53.5			88.6	87.2		
34.6	58.6			90.2	88.4		

№ 1204

БЕНЗОЛ—ИЗОПРОПИЛОВЫЙ СПИРТ

[1818]

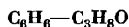


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	25	44.0	47.9	71.2	25	105.8
5.2	26.1		—	57.0	73.0		—
7.6	36.5		66.4	63.8	74.5		108.4
9.0	40.2		—	67.0	75.3		—
13.9	49.2		—	77.6	76.9		—
16.4	53.0		84.0	82.7	77.7		—
18.0	55.0		—	85.4	79.5		109.0
30.0	63.5	—	99.8	88.6	81.3	—	—
36.7	66.6		—	94.1	87.7		104.5
46.4	71.0		—	100.0	100.0		94.4

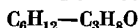
№ 1205

БЕНЗОЛ—ИЗОПРОПИЛОВЫЙ СПИРТ

[227]

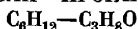


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0	0.0	40	100	60	64.5	55	406.5
20	51.0		176	80	71.8		404.0
40	64.8		211	100	100.0		326.0
60	68.6		221.5	0	0.0	69	434.0
80	74.5		222	20	39.0		605.0
100	100.0	55	182	40	53.2		668.0
0	0.0		227.0	60	60.8		685.0
20	43.8		344.5	80	69.4		670.0
40	58.3		392.5	100	100.0		530.0

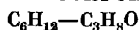


x	y	t^*	P , ата	x	y	t^*	P , ата
0	0.0	143.7	4.536	0	0.0	180.9	11.27
10	21.7	135.1		10	16.5	174.0	
20	33.0	129.3		20	28.1	170.4	
30	41.0	126.1		30	36.3	167.9	
40	47.5	124.2		40	43.0	166.4	
50	54.1	122.9		50	49.5	165.5	
60	60.5	122.3		60	50.0	166.5	
70	66.8	122.9		70	62.3	168.4	
80	74.2	125.9		80	69.4	171.3	
90	83.4	131.5		90	80.6	176.2	
100	100.0	141.5	7.936	100	100.0	189.5	14.736
0	0.0	165.6		0	0.0	193.0	
10	18.7	155.6		10	13.0	186.2	
20	30.0	150.4		20	24.6	181.4	
30	37.8	147.3		30	33.8	178.8	
40	44.3	145.5		40	41.5	177.4	
50	51.0	144.7		50	48.4	177.4	
60	57.7	145.8		60	55.0	179.0	
70	63.3	149.0		70	61.5	181.8	
80	72.0	153.7		80	69.4	186.5	
90	84.5	160.3		90	81.5	194.5	
100	100.0	170.0		100	100.0	205.2	

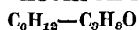
* Данные определены по графику, помещенному в статье.



x	y	t	P	x	y	t	P
0.0	0.0	97.15	760	50.9	71.2	75.31	760
8.0	30.8	88.47		86.5	78.3	75.00	
13.9	48.6	83.70		93.7	83.7	76.18	
31.5	65.0	77.57		100.0	100.0	80.73	



x	y	t	P	x	y	t	P
0	0.0	40	106	60	64.3	55	441
20	54.8		199	80	68.6		436
40	64.8		228	100	100.0		327
60	68.5		240	0	0.0		434
80	73.3		241	20	44.1		659
100	100.0	55	184	40	55.6	69	734.5
0	0.0		227	60	60.7		748
20	48.4		379.5	80	66.0		731
40	59.6		426.5	100	100.0		526



x	y	t	P	γ_1	γ_2
2.7	11.2	78.71	760	4.399	1.055
7.0	21.8	76.91		3.483	1.040
11.6	28.3	74.96		2.892	1.086
12.0	27.6	74.80		2.730	1.111
19.1	27.1	72.28		2.498	1.160
30.6	48.9	70.19		2.192	1.198
44.2	55.0	69.37		1.751	1.355
47.3	55.5	69.35		1.652	1.420
48.5	54.8	69.02		1.607	1.495
51.6	57.0	69.20		1.562	1.503
51.8	56.8	69.11		1.558	1.511
52.8	58.3	68.80		1.581	1.520
53.8	58.2	69.01		1.539	1.542
57.1	58.2	69.08		1.447	1.654
63.1	60.5	69.21		1.355	1.809
64.0	59.5	69.06		1.321	1.911
70.8	62.7	69.10		1.257	2.169
74.2	64.9	69.42		1.229	2.287
78.4	66.0	69.45		1.181	2.639
80.7	67.3	69.66		1.163	2.840
86.2	69.7	70.11		1.112	3.669
87.3	70.9	70.31		1.110	3.704
92.1	77.3	71.50		1.105	4.436
97.8	85.0	74.74		1.037	9.208
99.0	83.8	74.01		1.033	22.56
99.5	89.3	76.73		1.009	13.89

№ 1210 ИЗОПРОПИЛОВЫЙ СПИРТ—МЕТИЛИЗОБУТИЛКЕТОН [337]

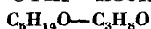


x	y	t	P	γ_1	γ_2
3.45	14.30	112.1	760	1.44	1.02
6.55	25.20	108.4		1.51	1.03
14.30	40.75	103.1		1.34	1.05
25.35	56.10	97.2		1.27	1.08
39.30	67.85	92.3		1.18	1.14
41.45	69.25	91.9		1.18	1.14
49.70	75.10	89.6		1.15	1.17
60.70	80.35	87.6		1.09	1.26
70.45	84.90	86.1		1.05	1.36
83.15	90.55	84.5		1.02	1.49
93.15	96.25	83.2		1.01	1.61



x	y	t	P	γ_1	γ_2
0.0	0.0	97.25	760	—	1.00
2.4	25.6	89.6		6.04	1.03
6.0	49.0	82.0		5.46	1.01
14.4	66.2	74.6		3.67	1.01
23.6	72.8	71.9		2.80	1.02
26.2	71.6	71.2		2.53	1.15
37.0	76.0	70.0		1.97	1.20
47.6	78.6	68.4		1.67	1.39
62.0	80.0	67.7		1.33	1.85
75.2	83.6	67.0		1.18	2.41
78.4	85.6	66.4		1.18	2.49
90.4	91.6	66.2		1.10	3.30
95.0	94.8	65.8		1.10	3.85
97.5	97.0	67.2		1.05	4.32
100.0	100.0	68.8		1.00	—

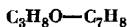
№ 1212 ИЗОПРОПИЛОВЫЙ ЭФИР—ИЗОПРОПИЛОВЫЙ СПИРТ [767]



x	y	t	P	x	y	t	P
0.00	0.00	82.3	760	58.4	69.3	66.77	760
1.35	6.60	81.06		65.8	72.6	66.33	
8.40	30.2	76.02		73.2	75.7	66.20	
14.0	37.8	73.08		74.7	76.4	66.18	
18.0	43.7	72.48		75.4	76.7	66.18	
19.13	45.1	72.78		78.15	78.25	66.17	
28.2	54.4	69.93		84.6	82.1	66.31	
34.45	57.5	69.90		87.7	84.0	66.56	
38.5	62.1	68.18		89.1	84.7	66.33	
42.9	62.6	68.02		91.0	86.8	66.57	
43.6	64.9	67.79		91.8	88.1	66.77	
44.4	64.4	67.87		95.5	91.5	67.09	
47.7	65.2	67.56		98.9	96.4	67.73	
47.8	65.8	67.53		100.0	100.0	68.5	
52.0	66.9	67.19					

ПРОПИЛОВЫЙ СПИРТ—ТОЛУОЛ

[717]

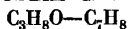


x	y	t	P	γ_1	γ_2
4.6	21.1	104.1	760	3.59	1.00
12.1	36.6	98.4		2.95	1.03
18.8	44.0	96.3		2.50	1.05
26.8	48.2	94.2		2.09	1.15
44.4	55.6	93.4		1.50	1.33
57.1	60.3	92.8		1.29	1.58
60.0	61.7	92.6		1.28	1.65
76.2	69.9	92.9		1.12	2.15
80.4	72.8	93.5		1.08	2.31
85.8	78.6	93.9		1.07	2.48
94.0	89.7	95.5		1.05	2.66
96.1	92.1	95.8		1.04	3.13

№ 1214

ИЗОПРОПИЛОВЫЙ СПИРТ—ТОЛУОЛ

[107]

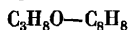


x	y	t	P	x	y	t	P
0.0	0.0	110.4	760	57.4	72.1	82.2	760
3.0	17.9	104.6		67.6	75.5	81.8	
7.8	37.7	96.6		70.4	76.5	81.5	
10.3	43.4	94.4		74.2	78.1	81.5	
14.9	50.2	91.0		78.0	80.7	81.4	
20.3	56.2	88.5		81.5	82.4	81.2	
25.6	59.8	86.0		85.8	85.4	81.2	
31.2	62.2	85.4		93.3	91.8	81.6	
39.7	66.3	84.0		100.0	100.0	82.3	
46.6	69.0	83.2					

№ 1215

ПРОПИЛОВЫЙ СПИРТ—СТИРОЛ

[155]



x	y	t	P	x	y	t	P
4.1	34.5	56.2	50	36.4	72.5	41.2	50
8.7	53.6	50.0		36.8	72.7	41.2	
13.1	59.4	46.8		40.9	74.5	40.8	
15.3	62.0	45.8		45.1	74.0	40.6	
19.9	66.6	44.0		46.8	75.4	40.6	
23.0	68.5	43.0		50.8	75.2	40.4	
27.0	69.7	42.6		51.4	76.4	40.4	
27.8	70.5	42.4		56.7	75.4	40.0	

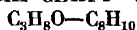
Таблица № 1215 (продолжение)

x	y	t	P	x	y	t	P
61.6	76.7	40.0	50	83.4	86.1	38.8	50
62.5	77.7	39.8		88.4	89.3	38.6	
67.8	78.8	39.6		90.0	90.0	38.5	
74.8	82.0	39.4		94.2	93.8	38.8	
80.0	83.8	39.0		98.0	97.8	39.0	

№ 1216

ПРОПИЛОВЫЙ СПИРТ—ЭТИЛБЕНЗОЛ

[155]

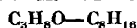


x	y	t	P	x	y	t	P
3.5	19.4	52.0	50	28.8	62.2	68.8	200
7.7	35.5	47.6		39.0	64.3	67.6	
10.1	41.8	46.0		49.0	68.0	66.6	
14.9	50.1	43.4		62.2	70.8	65.6	
16.4	53.5	42.6		71.5	76.2	65.0	
17.2	52.7	42.6		76.2	78.9	64.8	
22.4	57.2	41.4		81.2	81.3	64.6	
25.9	57.6	40.6		83.8	83.8	64.5	
31.4	60.4	40.0		88.0	87.2	64.6	
36.3	61.3	39.6		92.9	90.7	64.8	
44.8	63.8	39.0		94.5	93.8	65.0	
49.8	64.3	38.6		97.5	97.1	65.6	
58.2	66.5	38.4		2.6	24.7	Нет данных	750
62.0	69.3	38.4		9.6	41.9		
65.7	70.0	38.2		11.7	49.9		
71.0	73.8	38.2		35.2	66.6		
74.5	74.5	38.0		47.0	71.9		
82.5	80.3	38.2		49.9	74.0		
87.1	85.0	38.4		67.0	80.3		
93.9	91.8	38.8		75.2	83.0		
96.2	95.1	39.0		78.6	83.4		
2.6	11.2	86.2	200	81.2	86.2		
6.4	32.4	79.6		87.8	89.8		
11.2	45.8	74.0		91.7	92.0		

№ 1217

ИЗОПРОПИЛОВЫЙ СПИРТ—ЭТИЛЦИКЛОГЕКСАН

[863]



x	y	t	P	γ_1	γ_2
0.6	20.2	101.6	400	7.18	1.00
0.7	22.0	101.1		6.89	1.01
2.1	41.4	92.9		6.60	1.01
2.3	42.4	92.1		6.41	1.02

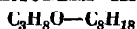
Таблица № 1217 (продолжение)

	y	t	P	γ_1	γ_2
6	55.4	85.1	400	5.70	1.03
9	56.8	84.1		5.69	1.03
1	66.4	78.3		4.49	1.04
0	67.9	77.5		3.92	1.04
4	72.8	70.8		2.99	1.29
2	76.8	68.8		1.62	1.68
3	78.2	67.7		1.23	2.58
2	78.5	67.5		1.20	2.83
1	82.4	66.5		1.11	3.28
4	82.8	66.4		1.08	3.55
9	85.3	66.4		1.05	3.92
0	87.2	66.3		1.04	4.40
1	87.3	66.24		1.04	4.41
7	88.0	66.3		1.03	4.74
0	89.3	66.25		1.03	4.79
4	92.3	66.50		1.01	5.77

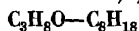
№ 1218

ИЗОПРОПИЛОВЫЙ СПИРТ—ОКТАН

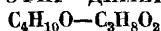
[863]



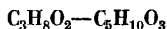
x	y	t	P	γ_1	γ_2
0.8	19.8	97.64	400	6.31	1.00
2.1	36.6	90.9		6.52	1.00
4.4	49.5	84.0		5.54	1.00
5.5	54.0	80.6		5.51	1.01
12.2	63.1	73.5		3.93	1.23
23.1	69.0	70.6		2.57	1.32
29.1	71.4	68.7		2.29	1.43
46.2	74.0	67.2		1.59	1.82
46.9	74.0	66.9		1.58	1.89
66.0	78.2	65.8		1.25	2.56
68.0	79.1	65.7		1.24	2.61
78.8	82.3	65.6		1.11	3.35
79.1	81.6	65.6		1.10	3.54
84.0	84.0	65.4		1.08	4.05
87.2	86.0	65.5		1.06	4.41
89.0	86.9	65.7		1.04	4.77
90.7	88.6	66.1		1.02	4.83
93.8	91.1	66.4		1.00	5.58
95.6	93.0	66.5		1.00	6.16



x	y	t	P	γ_1	γ_2
0.0	0.0	99.2	760	—	1.000
2.9	17.7	93.5		3.951	1.000
5.8	29.3	89.4		3.810	1.000
12.1	43.5	83.6		3.396	1.023
23.0	52.6	80.2		2.480	1.091
33.1	55.5	79.1		1.903	1.222
39.05	57.3	78.6		1.701	1.308
51.7	60.2	77.8		1.395	1.579
61.3	63.0	77.6		1.242	1.843
67.65	65.45	77.3		1.184	2.080
80.0	72.0	78.1		1.065	2.656
87.8	78.0	78.4		1.038	3.388
95.75	89.5	80.2		1.014	4.381
100.0	100.0	82.2		1.000	—

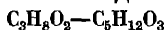


x	y	t	P	x	y	t	P
0.0	0.00	35.0	585.0	60.0	66.35	35.0	731.7
10.0	14.10		612.9	70.0	74.60		747.3
20.0	26.82		640.4	76.04	79.45		755.4
30.0	38.26		666.5	80.0	82.66		760.3
40.0	48.51		690.5	90.0	90.97		769.6
50.0	58.00		715.0	100.0	100.00		775.5



x	y	t	P	x	y	t	P
2.40	9.10	Нет данных	30	13.10	29.20	Нет данных	30
3.00	10.30			36.00	56.04		
4.20	11.60			39.90	58.80		
7.30	18.56			67.45	77.90		
10.82	24.55			71.80	81.45		

МЕТИЛЦЕЛЛОЗОЛЬВ—МЕТИЛКАРБИТОЛ
(МОНОМЕТИЛОВЫЙ ЭФИР ДИЭТИЛЕНГЛИКОЛЯ)



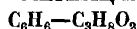
<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
32.0 46.0 66.0 73.0 82.5	Нет данных	760	40.0 42.5 52.5 76.0	89.0 91.5 93.0 97.0	Нет данных	760

МЕТИЛЦЕЛЛОЗОЛЬВ—МЕТИЛКАРБИТОЛ [499]



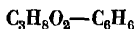
<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
21.03 32.95 45.99 69.93 73.80	Нет данных	740	42.08 62.73 75.65 89.05	74.88 90.01 95.55 99.00	Нет данных	740

БЕНЗОЛ—МЕТИЛЦЕЛЛОЗОЛЬВ [1028]



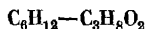
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
4.26 27.24 42.74 69.14	24.11 73.84 81.54 87.56	117.6 92.5 86.9 82.7	760	61.0 78.2 90.58	87.33 90.82 93.61	81.6 80.3 80.2	760

ДИМЕТОКСИМЕТАН—БЕНЗОЛ [140]



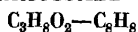
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0 10.0 20.0 30.0 40.0 47.40 50.0	0.00 34.03 51.89 63.30 71.96 77.10 78.73	35.0	150.1 205.7 253.6 297.3 337.4 366.8 377.2	60.0 70.0 71.57 80.0 90.0 100.0	84.45 89.28 89.94 93.42 97.00 100.00	35.0	417.4 458.0 464.4 499.8 542.1 585.0

ЦИКЛОГЕКСАН—МЕТИЛЦЕЛЛОЗОЛЬВ



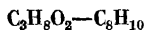
x	y	t	P
5.6	48.49	105.1	760
8.4	61.05	97.0	
27.56	75.0	79.8	
36.22	74.75	79.0	
57.26	79.34	78.1	
83.27	83.65	77.5	
95.56	88.43	78.5	

МЕТИЛЦЕЛЛОЗОЛЬВ—СТИРОЛ



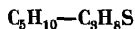
x	y	t	P	γ_1	γ_2
0.0	0.0	70.4	62	—	1.000
4.9	23.3	64.1		3.922	1.005
15.2	35.6	59.7		2.707	1.047
29.1	44.1	58.4		1.863	1.165
40.4	50.4	57.8		1.497	1.306
62.8	60.4	57.1		1.143	1.732
72.7	67.0	57.0		1.070	1.991
79.8	72.9	57.6		1.036	2.206
85.6	79.0	58.0		1.017	2.404
90.0	84.0	58.4		1.008	2.567
92.7	87.2	58.6		1.005	2.673
94.7	90.6	58.8		1.002	2.755
100.0	100.0	59.9		1.000	—

МЕТИЛЦЕЛЛОЗОЛЬВ—ЭТИЛБЕНЗОЛ



x	y	t	P	γ_1	γ_2
0.0	0.0	62.6	62	—	1.000
10.1	30.6	55.8		3.778	1.023
12.5	31.6	54.2		3.466	1.033
34.4	39.5	53.0		1.865	1.245
44.0	42.1	51.9		1.541	1.407
58.9	47.5	52.0		1.242	1.776
71.6	53.6	53.6		1.103	2.216
81.2	60.6	54.1		1.039	2.652
86.8	68.0	55.6		1.020	2.965
89.8	73.7	56.7		1.012	3.151
94.0	80.9	57.6		1.004	3.437
96.3	87.3	58.8		1.002	3.606
100.0	100.0	59.9		1.000	—

ЦИКЛОПЕНТАН—2-ПРОПАНТИОЛ

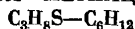


x	y	t	P	γ_1
0.0	0.0	52.60	760	—
26.6	34.0	49.48		1.27
51.4	54.0	48.15		1.09
61.7	62.8	48.02		1.06
68.2	67.6	47.94		1.04
73.7	73.0	48.05		1.03
94.0	94.0	48.94		1.01
100.0	100.0	49.35		1.00

1230

1-ПРОПАНТИОЛ—МЕТИЛЦИКЛОПЕНТАН

[478]

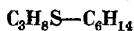


x	y	t	P	γ_1	γ_2
0.0	0.0	71.85	760	—	1.00
11.0	16.5	69.74		1.38	1.00
23.6	30.2	68.02		1.25	1.03
28.4	34.0	67.65		1.18	1.05
33.0	39.0	67.30		1.18	1.05
38.3	43.0	66.85		1.14	1.05
41.2	45.8	66.76		1.13	1.08
44.5	48.5	66.60		1.11	1.09
48.5	52.0	66.37		1.10	1.11
54.5	56.4	66.24		1.07	1.14
61.8	62.8	66.21		1.05	1.14
68.0	67.3	66.20		1.03	1.22
68.6	67.9	66.20		1.03	1.22
70.5	69.4	66.19		1.02	1.24
82.6	80.0	66.34		1.00	1.33
89.3	87.3	66.76		0.99	1.39
100.0	100.0	67.82		1.00	—

№ 1231

1-ПРОПАНТИОЛ—ГЕКСАН

[478]



x	y	t	P	γ_1	γ_2
0.0	0.0	68.75	760	—	1.00
6.5	10.0	67.64		1.51	1.00
8.3	13.5	67.36		1.62	0.98
11.8	17.5	66.91		1.50	0.99

Таблица № 1231 (продолжение)

x	y	t	P	γ_1	γ_2
13.6	19.1	60.76	760	1.43	0.98
21.0	26.5	65.97		1.32	1.01
25.8	31.7	65.52		1.30	1.02
28.9	34.2	65.27		1.26	1.03
37.0	41.7	64.93		1.22	1.04
46.5	49.0	64.48		1.16	1.09
53.7	54.2	64.26		1.11	1.14
65.5	63.3	64.31		1.06	1.22
71.6	68.0	64.41		1.05	1.29
76.5	73.1	64.58		1.04	1.30
83.7	79.7	65.02		1.03	1.40
91.7	88.7	65.82		1.02	1.46
100.0	100.0	67.82		1.00	—

№ 1232

2-МЕТИЛПЕНТАН—1-ПРОПАНТИОЛ

[478]



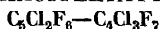
x	y	t	P	γ_1	γ_2
0.0	0.0	67.82	760	—	1.00
31.7	42.0	61.07		1.33	1.08
45.1	52.3	59.96		1.19	1.11
49.5	55.7	59.77		1.14	1.13
65.5	66.5	59.26		1.05	1.27
68.5	69.5	59.20		1.06	1.27
76.2	74.0	59.25		1.03	1.32
90.8	80.7	59.66		1.01	1.45
100.0	100.0	60.40		1.00	—

№ 1233

1,2-ДИХЛОРЕКСАФТОРЦИКЛОПЕНТЕН—

[1094]

2,2,3-ТРИХЛОРЕПТАФТОРБУТАН



x	y	t	P	γ_1	γ_2
0.0	0.0	97.4	760	—	1.000
10.3	11.9	96.6		1.046	1.008
23.4	27.1	95.7		0.993	1.002
32.0	36.8	95.1		1.003	1.001
39.6	45.1	94.6		1.008	0.991
46.5	52.3	94.3		1.004	0.985
51.1	57.2	94.0		1.011	0.992
59.8	65.9	93.5		1.006	0.994
66.5	71.8	93.1		1.002	0.993

Таблица № 1233 (продолжение)

x	y	t	P	γ_1	γ_2
76.9	80.4	92.4	760	0.991	0.984
84.5	86.3	91.9		0.992	1.042
91.6	92.6	91.3		0.991	1.054
100.0	100.0	90.6		1.000	—

№ 1234 2,2,3-ТРИХЛОРГЕПТАФТОРБУТАН—ГЕПТАН [1094]
 $C_4Cl_3F_7-C_7F_{16}$

x	y	t	P	γ_1	γ_2
0.0	0.0	98.4	760	—	1.00
0.2	0.6	98.3		2.93	1.00
2.1	4.1	97.7		1.94	1.00
2.9	5.0	97.35		1.64	1.01
6.5	10.2	96.55		1.61	1.01
8.5	13.5	96.0		1.66	1.02
16.4	22.2	94.65		1.46	1.04
16.5	22.2	94.55		1.46	1.04
17.8	23.2	94.2		1.44	1.06
18.1	24.5	94.2		1.49	1.04
21.3	28.4	93.7		1.49	1.05
28.4	34.2	93.45		1.35	1.06
38.2	40.3	92.6		1.22	1.15
43.1	45.7	92.5		1.23	1.14
70.2	67.1	92.95		1.09	1.30
83.6	82.3	94.1		1.09	1.23
100.0	100.0	97.43		1.00	—

№ 1235 2,2,3-ТРИХЛОРГЕПТАФТОРБУТАН—ОКИСЬ
 ПЕРФТОРЦИКЛООКТАНА [1094]
 $C_4Cl_3F_7-C_8F_{16}O$

x	y	t	P	γ_1	γ_2
0.0	0.0	102.60	760	—	1.000
1.5	3.0	102.00		1.750	1.003
4.8	8.1	101.40		1.510	1.003
9.7	15.3	100.56		1.439	1.000
17.0	24.3	99.50		1.350	1.002
22.7	30.15	98.92		1.259	1.006
27.1	35.2	98.36		1.260	1.010
31.0	39.2	97.99		1.220	1.024
39.9	46.4	97.44		1.161	1.045
47.1	53.0	97.00		1.140	1.050

Таблица № 1235 (продолжение)

x	y	t	P	γ_1	γ_2
56.3	60.3	96.70	760	1.100	1.091
65.5	67.2	96.45		1.055	1.145
68.75	69.7	96.40		1.041	1.158
70.5	71.2	96.40		1.040	1.218
74.7	74.6	96.35		1.028	1.213
77.95	77.2	96.40		1.016	1.249
80.9	79.6	96.48		1.009	1.290
86.6	85.0	96.73		1.010	1.340
90.2	88.7	96.85		1.001	1.370
92.1	90.8	96.94		1.000	1.380
94.8	93.8	97.10		1.000	1.410
100.0	100.0	97.40		1.000	—

№ 1236

ВИНИЛАЦЕТИЛЕН—ХЛОРОПРЕН

[625]

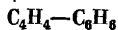


x	y	t	P	γ_1	γ_2
0.0	0.0	58.5	740	—	1.000
3.7	25.3	50.6		1.569	1.100
12.6	57.7	37.9		1.520	1.003
25.8	76.9	25.6		1.440	1.016
33.4	82.6	20.9		1.395	1.030
41.0	86.8	17.2		1.347	1.052
52.7	90.6	12.9		1.268	1.110
68.0	93.7	9.1		1.162	1.273
76.3	95.4	7.7		1.106	1.449
84.1	95.9	6.5		1.057	1.741
90.5	97.3	5.7		1.024	2.172
100.0	100.0	4.4		1.000	—

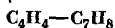
№ 1237

ВИНИЛАЦЕТИЛЕН—БЕНЗОЛ

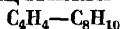
[538]



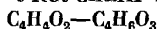
x	y	t	P	x	y	t	P
0.00	0.0	79.3	740	29.90	87.0	33.7	740
2.28	19.3	74.0		40.80	92.8	25.6	
6.57	46.2	63.7		54.80	96.4	18.7	
12.30	65.0	54.0		100.00	100.0	5.4	
17.20	74.3	46.9					



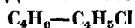
x	y	t	P	x	y	t	P
0.00	0.0	100.8	740	20.50	91.3	48.6	740
1.03	23.8	104.0		31.50	94.9	35.8	
3.14	41.9	94.6		41.30	97.1	26.3	
4.83	60.0	84.9		55.20	98.7	19.2	
9.14	76.8	69.8		100.00	100.0	5.4	
20.20	90.8	49.2					



x	y	t	P	x	y	t	P
0.00	0.00	137.6	740	20.2	96.3	51.9	740
1.38	29.7	125.0		27.9	98.0	40.6	
3.29	53.3	111.5		35.5	98.4	31.8	
6.47	76.4	90.8		45.6	99.1	25.1	
8.85	82.7	84.4		63.0	99.4	16.2	
13.1	91.7	67.9		100.0	100.0	5.4	



x	y	t	P	x	y	t	P
1.8	16.2	Нет данных	50	61.0	72.3	Нет данных	50
1.5	30.1			71.4	80.9		
31.7	42.4			80.7	88.0		
41.6	53.4			90.5	94.0		
51.6	63.9			95.8	96.6		



x	y	t	P	γ_1	γ_2
10	52.0	41.0	760	1.178	1.000
20	73.2	28.5		1.175	1.001
30	83.3	20.5		1.16	1.004

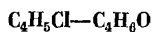
Таблица № 1241 (продолжение)

x	y	t	P	γ_1	γ_2
40	88.9	14.2	760	1.15	1.007
50	92.2	9.2		1.14	1.02
60	94.7	5.5		1.13	1.03
70	96.3	2.4		1.10	1.08
80	97.8	—0.5		1.08	1.16
90	98.74	—2.8		1.04	1.45
95	99.18	—3.5		1.001	1.95
97.5	99.47	—3.8		1.000	2.65

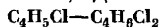
№ 1242

ХЛОРОПРЕН—МЕТИЛВИНИЛКЕТОН

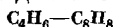
[625]



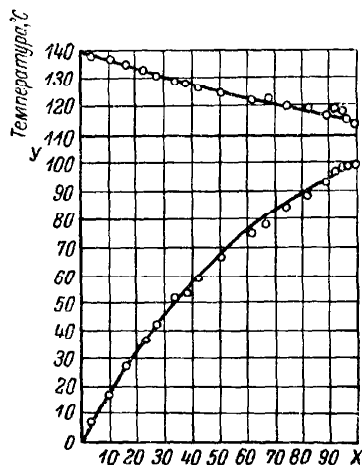
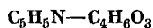
x	y	t	P	γ_1	γ_2
0.0	0.0	27.4	100	—	1.000
8.2	26.0	22.7		1.574	1.003
11.4	33.2	21.3		1.531	1.006
19.5	46.8	18.3		1.432	1.019
24.1	52.6	16.8		1.382	1.029
32.8	61.1	14.6		1.295	1.056
45.0	70.2	12.4		1.197	1.110
53.7	75.4	11.1		1.139	1.165
66.3	82.1	9.5		1.074	1.273
77.2	87.2	8.3		1.024	1.394
85.2	91.5	7.6		1.015	1.522
93.5	96.2	7.1		1.003	1.678
100.0	100.0	6.4		1.000	—
0.0	0.0	57.5	340	—	1.000
5.2	14.6	55.0		1.396	1.001
10.2	25.1	53.0		1.359	1.003
22.3	44.5	48.7		1.275	1.017
34.6	57.8	45.2		1.201	1.041
40.2	62.8	44.1		1.170	1.057
55.7	73.6	41.2		1.097	1.121
61.8	77.3	40.3		1.074	1.156
71.4	82.9	39.1		1.043	1.226
77.6	86.4	38.4		1.027	1.283
88.5	92.6	37.2		1.008	1.410
92.7	95.2	36.8		1.003	1.470
100.0	100.0	36.2		1.000	—



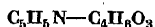
x	y	t	P	γ_1	γ_2
0.0	0.0	69.8	100	—	1.000
5.4	53.6	44.0		2.203	1.005
11.7	72.2	33.6		1.857	1.021
22.6	84.5	28.2		1.494	1.042
31.5	88.9	24.2		1.317	1.118
43.2	92.5	20.3		1.175	1.195
54.1	94.7	17.1		1.096	1.267
65.3	96.3	14.2		1.047	1.365
73.7	97.4	11.8		1.039	1.468
84.8	98.6	9.6		1.007	1.530
90.2	99.1	7.9		1.002	1.575
97.3	99.7	7.1		1.000	1.639
100.0	100.0	6.4		1.000	—
0.0	0.0	102.8	340	—	1.000
3.5	40.1	89.4		2.099	1.002
7.2	58.7	80.4		1.909	1.007
11.5	69.5	73.0		1.729	1.018
19.9	79.6	65.0		1.483	1.047
27.3	83.8	60.6		1.339	1.080
37.4	88.7	54.0		1.215	1.111
48.8	91.8	50.5		1.116	1.243
62.4	94.8	46.0		1.015	1.296
77.2	97.3	41.7		1.016	1.404
89.5	98.8	38.5		1.003	1.492
100.0	100.0	36.2		1.000	—



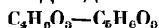
x	y	t	P
0.23	37.8	60	74.2
0.65	67.3	50	
1.99	91.3	25	
5.15	98.3	0	
6.20	98.7	— 5	
9.51	99.4	—15	760
18.20	99.86	—30	
2.55	82.9	90	
3.50	88.7	80	
5.77	94.0	65	
10.2	97.1	50	3340
25.3	99.4	25	
81.1	99.95	0	
14.5	93.4	90	
20.7	97.0	80	
40.5	99.0	65	3340
74.7	99.7	50	


 $P = 760 \text{ мм}$

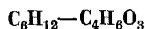
Кривая рассчитана по закону Рауля; на ней нанесены экспериментальные точки.



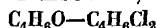
x	y	t	P	γ_1	γ_2
0	0.0	139.5	760	—	1.00
10	22.5	134.7		1.32	1.01
20	36.5	131.2		1.20	1.02
30	48.0	128.5		1.14	1.04
40	58.0	126.0		1.09	1.07
50	66.5	124.0		1.05	1.10
60	74.0	122.0		1.025	1.13
70	81.5	120.5		1.02	1.16
80	88.0	118.6		1.01	1.19
90	94.0	117.0		1.005	1.22
95	97.0	116.3		1.002	1.23
97.5	98.5	116.0		1.001	1.24
100	100.0	115.3		1.000	—



x	y	t	P	x	y	t	P
0	0.0	170.0	760	100	100.0	139.5	760
10	21.8	166.0		10	24.3	107.0	100
20	38.9	162.0		20	42.1	103.2	
30	52.5	158.2		30	56.0	99.5	
40	63.3	154.8		40	67.0	96.2	
50	72.1	151.5		50	76.0	93.4	
60	79.5	148.7		60	83.0	90.8	
70	85.7	146.0		70	88.5	88.2	
80	91.1	143.7		80	93.0	86.0	
90	95.8	141.5		90	96.9	84.0	
95	97.0	140.5		95	98.5	83.0	
97.5	99.0	140.0		97.5	99.0	82.5	



x	y	t	P	γ_1	γ_2
0	0	139.5	760	—	1.00
10	75.0	101.5		4.30	1.01
20	85.0	87.5		3.45	1.05
30	87.8	84.0		2.78	1.14
40	88.5	82.7		2.22	1.28
50	89.0	81.8		1.82	1.50
60	89.2	81.3		1.51	1.88
70	89.9	81.0		1.30	2.54
80	90.3	80.6		1.13	3.8
90	92.2	80.4		1.04	6.5
95	94.4	80.2		1.01	8.7
97.5	96.7	80.4		1.005	10.4
100	100.0	80.7		1.000	—



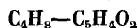
x	y	t	P	γ_1	γ_2
0.0	0.0	80.2	150	—	1.000
1.4	10.7	77.6		1.706	1.000
4.5	29.6	72.7		1.671	1.001
9.2	46.2	66.8		1.618	1.003
20.9	67.5	57.6		1.494	1.018
34.8	79.7	50.2		1.359	1.056
42.3	83.5	47.7		1.293	1.089
55.6	88.1	44.3		1.188	1.182
63.7	90.3	42.7		1.133	1.269
70.2	91.9	41.6		1.094	1.362
86.1	95.7	39.2		1.024	1.737
100.0	100.0	37.2		1.000	—



x	y	t	P , ата	x	y	t	P , ата
10.60	12.37	37.8	3.57	—	71.90	71.1	9.30
10.50	12.05			92.99	93.39		9.60
27.19	30.85		3.71	92.69	93.51		
—	34.05			9.82	11.08		10.0
43.82	47.28		3.87	9.71	—		
44.36	48.10	71.1		26.49	28.76	137.8	17.2
68.81	71.90		4.05	70.51	71.74		18.4
68.89	72.12			69.71	70.82		
93.13	93.29		4.20	92.21	93.11		18.9
93.10	—			92.18	92.87		
10.42	11.65		8.34	13.16	13.77		30.3
10.15	11.40			13.10	13.86		
27.08	29.80		8.63	27.33	27.87		30.9
26.97	29.57			26.76	27.86		
43.65	46.58		8.87	69.18	70.14		33.0
43.84	46.69			69.17	70.09		
69.59	72.32		9.30				



x	y	t	P , ата	x	y	t	P , ата
5.1	9.2	76.7	4.15	48.8	62.7	54.5	4.08
9.7	16.6	64.0	4.08	78.4	86.1	48.0	
18.9	27.7	64.5		89.3	93.1	45.0	
37.8	51.3	56.0		94.2	96.5	48.0	



x	y	t	P	x	y	t	P
4.5	99.2	37.8	760	4.51	98.8	51.7	1036
6.77	99.5		1026	5.94	99.0		1284
8.83	99.6		1296	15.34	99.6		2843
12.75	99.8		1798	20.70	99.7		3352
18.23	99.8		2330	21.55	99.8		3357
27.99	99.9	51.7	2768	30.22	99.85	65.6	3852
28.89	99.9		2828	2.58	97.0		760
31.27	99.9		2845	2.70	97.1		853
3.81	98.4		760	2.94	97.1		881

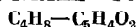
Таблица № 1252 (продолжение)

x	y	t	P	x	y	t	P
4.62	98.0	65.6	1319	31.54	99.7	65.6	5152
5.98	98.7		1802	51.81	99.8		5691
6.52	98.7		1813	77.67	99.0		5889
10.54	99.3		2827	1.68	90.0	93.3	812
11.10	99.3		2837	2.19	92.1		1021
13.25	99.4		3396	4.11	95.7		1805
13.77	99.4		3344	6.74	97.1		2829
17.04	99.5		3926	9.60	98.0		3859
26.78	99.6		4880	13.18	98.6		4914

№ 1253

ЦИС-2-БУТИЛЕН—ФУРФУРОЛ

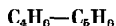
[1074]



x	y	t	P	γ_1
6.87	99.48	37.8	762	4.97
19.24	99.74		1532	3.47
45.10	99.85		2052	1.94
11.75	99.02	65.6	2056	3.77
18.82	99.37		2836	3.18
51.67	99.73		4131	1.63
92.91	99.98		4898	1.05
7.36	96.93	93.3	2312	3.84
12.00	97.97		3345	3.36
20.72	98.76		4900	2.76
28.09	99.07		5936	2.42

ИЗОБУТИЛЕН—ИЗОПРЕН

[758]



x	y	t	P	γ_1	γ_2
3.4	8.8	87.4	3800	1.43	1.02
7.7	19.5	86.2		1.40	1.01
10.0	28.1	84.3		1.37	1.015
19.0	44.3	77.8		1.27	1.04
28.8	55.5	72.0		1.17	1.06
29.3	56.2	72.2		1.16	1.04
40.6	68.2	65.4		1.14	1.05
44.0	69.6	63.7		1.12	1.09
47.5	73.1	62.8		1.09	1.10
57.8	78.7	57.4		1.06	1.16

Таблица № 1254 (продолжение)

x	y	t	P	γ_1	γ_2
67.4	83.6	54.1	3800	1.06	1.17
76.4	90.5	50.9		1.04	1.21
80.7	91.4	50.0		1.04	1.26
86.6	95.2	47.5		1.02	1.28
91.8	97.7	45.4		1.004	1.27

№ 1255

[1090]

ИЗОМАСЛЯНЫЙ АЛЬДЕГИД—МАСЛЯНЫЙ АЛЬДЕГИД
 $C_4H_8O-C_4H_8O$

x	y	t	P	γ_1	γ_2
10.0	13.8	73.94	760	1.002	0.996
19.9	26.4	72.69		0.990	0.995
30.0	38.1	71.40		1.000	1.000
40.0	49.0	70.24		1.000	1.000
50.0	58.9	69.04		1.000	1.005
60.0	68.6	68.08		1.000	0.994
69.9	77.3	67.07		1.000	0.990
79.3	84.6	65.96		0.998	1.008
89.9	92.7	64.95		1.000	1.012

№ 1256

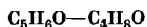
[214]

ИЗОМАСЛЯНЫЙ АЛЬДЕГИД—МАСЛЯНЫЙ АЛЬДЕГИД
 $C_4H_8O-C_4H_8O$

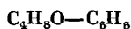
x	y	t	P	x	y	t	P
0	0	74.7	760	59.6	66.2	68.0	760
9.6	15.5	73.5		72.5	77.4	66.6	
20.0	26.4	72.2		80.7	83.5	65.8	
28.8	34.8	71.2		90.6	92.5	64.9	
29.6	36.5	71.1		100.0	100.0	64.2	
45.4	51.3	69.4					

МЕТИЛЭТИЛКЕТОН—ВТОРИЧНЫЙ БУТИЛОВЫЙ СПИРТ
 $C_4H_8O-C_4H_{10}O$

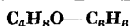
x	y	t	P	x	y	t	P
1.8	4.0	99.0	760	89.2	92.6	80.9	760
5.6	11.0	97.5		92.7	94.9	80.7	
11.4	21.7	96.0		93.1	95.1	80.3	
11.8	22.0	96.0		94.0	96.0	80.2	
12.7	23.2	95.8		97.1	98.0	79.9	
16.0	29.6	94.8		3.4	8.8	80.3	374.5
16.4	29.1	94.2		7.3	17.5	79.0	
21.8	37.0	93.6		9.5	22.4	78.1	
24.5	40.3	92.5		14.5	32.2	76.4	
27.6	44.4	91.4		17.2	36.5	75.2	
27.7	44.8	91.7		22.1	42.8	73.9	
29.1	45.6	91.3		25.8	47.1	72.3	
36.3	54.0	90.2		31.7	54.6	71.0	
39.5	56.4	88.8		36.8	59.6	69.4	
42.5	59.5	88.3		41.9	69.8	67.2	
52.1	67.4	86.7		51.6	71.9	66.5	
53.1	68.7	87.1		54.8	74.6	65.8	
61.0	74.4	85.2		58.0	76.5	65.4	
65.4	76.8	84.3		67.2	81.7	63.7	
67.6	78.6	84.4		71.6	84.3	63.0	
71.7	81.2	83.2		80.9	89.4	61.8	
80.9	87.1	82.1		88.6	93.6	60.6	
87.8	92.0	81.5		96.5	98.0	59.9	



x	y	t	P	x	y	t	P
5.5	9.0	—	760	42.5	54.0	70.7	760
8.0	12.4	78.0		43.7	57.3	—	
11.6	17.0	77.0		46.0	58.2	70.5	
14.5	22.5	76.1		51.5	62.0	69.2	
20.0	30.5	74.4		60.3	70.0	—	
22.5	33.5	—		61.0	71.0	—	
23.5	33.0	74.3		66.5	75.1	—	
29.9	42.5	—		76.0	84.0	66.1	
30.5	42.5	72.0		83.0	87.6	65.5	
35.0	48.0	72.4		88.5	93.0	64.8	



x	y	t	P	γ_1	γ_2
0.0	0.0	80.2	760	—	1.000
0.6	0.7	80.2		1.140	1.004
1.2	1.5	80.2		1.221	1.006
3.7	4.9	79.85		1.308	1.006
6.5	7.9	79.65		1.208	1.002
8.8	10.6	79.45		1.193	1.001
11.2	13.1	79.25		1.177	1.004
13.1	15.1	79.15		1.164	1.006
15.7	17.7	79.05		1.142	1.009
20.2	22.2	78.8		1.121	1.015
27.4	29.0	78.45		1.093	1.029
32.6	33.8	78.55		1.067	1.030
41.6	41.9	78.35		1.044	1.051
46.3	46.2	78.35		1.034	1.057
51.1	50.7	78.33		1.029	1.065
55.0	54.3	78.3		1.024	1.073
60.6	59.5	78.33		1.018	1.085
63.5	62.3	78.3		1.018	1.092
66.5	65.2	—		—	—
75.3	74.0	78.55		1.011	1.104
87.7	86.5	78.95		1.002	1.137
94.3	93.7	79.25		1.000	1.134
98.6	98.5	79.40		1.001	1.095
100.0	100.0	79.45		1.000	—



x	y	t^*	P , ата	$\lg \frac{\gamma_1}{\gamma_2}$	x	y	t^*	P , ата	$\lg \frac{\gamma_1}{\gamma_2}$
10	11.5	119.0	3.040	0.008	60	60.4	132.8	4.400	-0.033
20	21.9	118.0		0.045	70	69.7	132.7		-0.044
30	31.7	117.2		0.020	80	79.4	132.7		-0.054
40	41.0	116.7		-0.003	90	89.5	132.8		-0.061
50	50.5	116.6		-0.023	10	11.4	148.8	5.760	0.047
60	59.8	116.5		-0.039	20	22.2	147.5		0.025
70	69.2	116.6		-0.052	30	32.4	146.8		0.008
80	78.8	116.8		-0.064	40	42.2	146.3		-0.008
90	89.1	117.3		-0.075	50	51.5	145.8		-0.021
10	11.5	135.8	4.400	0.048	60	61.0	145.5		-0.032
20	21.8	134.5		0.032	70	70.4	145.2		-0.040
30	31.8	133.8		0.014	80	79.8	145.1		-0.047
40	41.3	133.4		-0.003	90	89.4	145.1		-0.052
50	50.8	133.0		-0.019	10	11.8	162.8	7.664	0.043

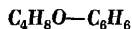
* Данные рассчитаны по графикам, приведенным в статье.

τ	y	t^*	P , ата	$\lg \frac{\gamma_1}{\gamma_2}$	x	y	t^*	P , ата	$\lg \frac{\gamma_1}{\gamma_2}$
20	22.3	161.6	7.664	0.023	10	11.7	198.6	14.26	0.035
30	32.3	160.9		0.008	20	22.2	197.0		0.048
40	42.1	160.4		-0.006	30	32.3	196.1		0.003
50	51.6	160.0		-0.016	40	42.2	195.5		-0.008
60	61.2	159.7		-0.025	50	51.9	194.9		-0.015
70	71.0	159.4		-0.033	60	61.6	194.4		-0.019
80	80.6	159.2		-0.038	70	71.1	193.9		-0.021
90	90.2	159.0		-0.043	80	80.7	193.5		-0.023
95	94.8	159.0		-0.045	90	90.5	193.2		-0.025
10	11.6	182.8	10.86	0.037	10	11.2	212.7	17.66	0.029
20	21.8	181.0		0.019	20	22.0	211.0		0.013
30	31.8	179.8		0.004	30	32.4	209.7		0.003
40	41.8	179.2		-0.006	40	42.0	208.9		-0.005
50	51.7	178.8		-0.015	50	52.4	208.3		-0.010
60	61.5	178.4		-0.020	60	62.3	207.8		-0.013
70	71.2	178.0		-0.024	70	71.8	207.3		-0.025
80	81.0	177.7		-0.027	80	81.3	206.8		-0.016
90	90.6	177.5		-0.030	90	90.7	206.5		-0.017

1261

МЕТИЛЭТИЛКЕТОН—БЕНЗОЛ

[489]

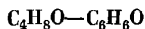


x	y	t	P	γ_1	γ_2
5.0	6.2	79.80	760	1.231	1.001
12.4	14.4	79.20		1.166	1.008
18.7	21.1	78.76		1.154	1.015
29.1	30.5	78.42		1.083	1.036
37.8	39.0	78.18		1.073	1.046
49.7	49.6	78.10		1.024	1.071
66.4	65.1	78.36		1.014	1.103
70.4	69.2	78.39		1.015	1.107
77.3	75.9	78.59		1.010	1.118
86.0	84.8	78.86		1.005	1.132

1262

МЕТИЛЭТИЛКЕТОН—ФЕНОЛ

[26]



x	y	t	P	x	y	t	P
2.60	6.42	133.3	200	34.78	77.04	105.0	200
10.19	29.19	126.8		43.40	86.44	97.0	
16.33	46.54	120.1		52.65	94.54	83.0	
23.45	59.55	113.5		64.17	98.07	69.5	

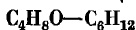
Таблица № 1262 (продолжение)

x	y	t	P	x	y	t	P
71.71	98.46	60.0	200	12.67	29.19	169.5	760
80.52	99.24	51.5		16.33	39.14	166.5	
4.52	13.28	148.2	360	22.27	53.65	159.4	
5.16	19.91	145.5		29.19	65.26	150.4	
8.95	26.91	143.3		33.67	68.98	146.2	
10.19	34.78	140.6		39.14	77.04	139.0	
22.27	54.65	132.5		42.34	83.93	131.1	
29.19	66.20	126.5		44.45	87.27	128.8	
35.88	76.61	119.5		47.57	90.54	121.7	
42.34	83.92	114.0		50.64	93.76	117.8	
47.57	89.73	104.5		52.65	94.55	114.7	
49.62	93.76	99.0		55.64	94.55	100.7	
53.65	95.34	92.5		59.55	94.95	108.9	
59.55	97.30	82.2		66.20	96.90	102.3	
66.20	98.07	77.0		68.05	98.07	101.2	
73.51	98.84	69.6		72.61	98.46	96.6	
82.23	99.24	64.3		75.28	98.84	93.6	
3.88	11.44	176.4	760	77.92	99.24	91.1	
8.94	23.45	173.1					

№ 1263

МЕТИЛЭТИЛКЕТОН—ЦИКЛОГЕКСАН

[488]

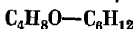


x	y	t	P	γ_1	γ_2
6.0	16.4	77.0	760	2.945	0.340
13.1	25.3	74.7		2.250	0.462
17.5	29.9	73.7		2.060	0.516
24.7	35.6	72.6		1.804	0.611
36.9	42.0	71.8		1.462	0.796
48.0	46.5	71.5		1.257	1.078
64.5	57.4	72.1		1.136	1.391
73.6	63.4	73.0		1.064	1.660
80.4	69.8	74.0		1.027	1.855
87.6	77.7	75.3		1.013	2.110

№ 1264

МЕТИЛЭТИЛКЕТОН—ЦИКЛОГЕКСАН

[698]



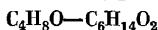
x	y	t	P	γ_1	γ_2
0.0	0.0	80.8	760	—	1.000
5.5	12.0	78.6		2.247	0.989
5.75	14.9	78.0		2.720	0.976
7.5	17.1	77.6		2.425	0.979

x	y	t	P	γ_1	γ_2
9.5	21.0	76.7	760	2.421	0.979
12.0	24.5	75.8		2.304	0.987
13.5	26.0	75.3		2.210	0.998
15.0	27.5	74.9		2.131	1.007
18.0	30.5	75.15		2.020	1.010
19.5	33.0	73.65		2.051	1.048
22.0	35.0	73.2		1.958	1.033
25.0	36.75	72.8		1.833	1.058
29.0	39.5	72.3		1.727	1.084
33.5	41.0	72.0		1.568	1.138
39.5	45.5	71.7		1.491	1.166
43.75	48.0	71.6		1.426	1.200
59.75	54.5	71.8		1.177	1.459
68.0	59.0	72.2		1.105	1.635
80.5	69.5	73.6		1.049	1.916
88.0	78.5	75.1		1.030	2.103
94.5	86.0	76.7		0.997	2.855
97.0	90.5	77.8		0.978	—
100.0	100.0	79.6		1.000	—

№ 1265

МЕТИЛЭТИЛКЕТОН—БУТИЛЦЕЛЛОЗОЛЬ

[804]

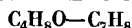


x	y	t	P	γ_1	γ_2
0.00	0.00	171.2	760	—	1.00
2.92	28.65	160.6		1.55	0.96
6.75	56.25	148.3		1.77	0.91
8.80	64.30	143.8		1.60	0.89
14.30	75.28	131.6		1.48	1.05
16.92	81.05	127.0		1.48	0.92
31.45	91.40	107.1		1.41	1.07
51.70	96.35	93.0		1.27	1.15
66.45	97.05	87.0		1.18	1.21
80.70	98.85	83.0		1.10	1.42
100.00	100.00	79.7		1.00	—

№ 1266

МЕТИЛЭТИЛКЕТОН—ТОЛУОЛ

[1008]



x	y	t	P	γ_1	γ_2
0.00	0.00	110.6	760	—	1.000
0.45	1.40	110.2		1.415	1.003
0.85	2.90	109.88		1.563	1.000
1.75	5.55	109.25		1.474	1.000

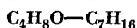
Таблица № 1266 (продолжение)

x	y	t	P	γ_1	γ_2
4.05	12.81	107.2	760	1.540	1.003
8.50	23.50	104.2		1.445	1.007
11.90	30.43	102.28		1.400	1.007
15.33	35.36	—		—	—
18.00	39.50	99.55		1.283	1.021
19.81	42.00	98.70		1.266	1.028
23.59	47.09	97.10		1.240	1.034
31.27	55.21	94.3		1.175	1.062
39.82	62.80	91.85		1.115	1.088
46.82	68.54	89.9		1.086	1.109
54.79	74.28	87.85		1.059	1.140
58.58	77.08	86.75		1.058	1.150
64.20	80.27	85.8		—	—
69.24	83.42	84.85		1.031	1.182
70.12	83.96	84.4		1.021	1.193
78.46	88.58	83.15		1.028	1.206
80.15	89.55	82.65		1.006	1.243
86.11	92.81	81.80		1.011	1.255
93.50	96.29	80.50		1.001	1.270
97.74	98.78	79.85		1.004	1.464
99.39	99.54	79.5		1.003	2.002
100.00	100.00	79.45		1.000	—

№ 1267

МЕТИЛЭТИЛКЕТОН—ГЕПТАН

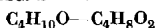
[1008]



x	y	t	P	γ_1	γ_2
0.0	0.0	98.3	760	—	1.000
0.33	6.0	96.1		11.577	1.007
2.7	14.1	93.7		3.529	1.013
7.4	28.5	89.4		2.893	1.011
12.2	37.55	86.4		2.498	1.023
23.0	49.50	82.25		1.972	1.078
35.4	57.2	79.95		1.590	1.175
36.9	57.8	80.05		1.537	1.182
47.5	63.2	78.35		1.378	1.311
50.7	64.5	78.2		1.325	1.354
61.15	69.1	77.45		1.206	1.534
70.6	73.6	77.15		1.123	1.749
76.5	76.85	77.0		1.088	1.928
86.4	83.2	77.25		1.034	2.397
93.2	90.8	78.10		1.018	2.552
97.3	95.4	78.70		1.004	3.150
99.4	98.7	79.05		1.006	3.958
100.0	100.0	79.45		1.000	—

ВТОРИЧНЫЙ БУТИЛОВЫЙ СПИРТ—

ИЗОМАСЛЯНАЯ КИСЛОТА

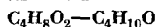


x	y	t	P
20.0	67.6	20	3.4
40.0	84.8		5.1
60.0	94.2		7.1
80.0	98.5		9.3

1269

1,4-ДИОКСАН—БУТИЛОВЫЙ СПИРТ

[723]

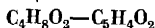


x	y	t	P	x	y	t	P
0.0	0.0	117.5	760	35.2	51.9	108.5	760
3.0	4.9	116.5		42.1	58.7	107.55	
4.9	8.1	116.0		41.4	57.0	107.4	
7.5	12.9	115.1		41.4	57.8	107.35	
12.1	21.2	113.8		43.6	62.2	106.95	
16.4	29.3	112.65		49.6	64.5	106.5	
17.3	29.3	112.3		48.2	64.2	106.25	
20.7	33.7	111.65		59.1	74.7	105.0	
21.0	36.1	111.25		87.5	91.2	102.2	
22.6	38.1	110.8		92.1	94.2	101.8	
23.5	40.3	110.55		94.7	96.4	101.5	
30.8	46.8	109.3		100.0	100.0	101.1	
33.8	50.1	108.8					

1270

ЭТИЛАЦЕТАТ—ФУРФУРОЛ

[789]

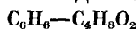


x	y	t	P	x	y	t	P
0.0	0.0	161.7	760	52.8	93.1	93.9	760
14.0	68.1	127.5		62.5	95.0	90.0	
21.6	78.4	117.5		71.1	96.1	87.1	
21.8	79.2	117.0		75.8	96.7	85.5	
29.8	85.0	109.5		88.5	98.6	80.5	
42.2	89.8	100.8		100.0	100.0	77.2	

№ 1271

БЕНЗОЛ—ДИОКСАН

[1023]

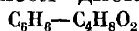


x	y	t	P
0.0	0.0	25	35.5
19.4	39.8		49.0
31.1	55.5		58.7
52.2	74.1		72.0
66.6	82.4		80.7
78.8	89.4		88.5
100.0	100.0		94.4

№ 1272

БЕНЗОЛ—ДИОКСАН

[576]



x	y	t	P	γ_1	γ_2
3.0	6.2	100.06	760	1.161	1.000
6.0	11.8	99.11		1.135	1.000
10.1	19.1	97.89		1.127	1.000
20.4	35.1	95.00		1.111	1.000
30.1	46.8	92.67		1.072	1.000
34.9	51.8	91.19		1.067	1.019
44.0	61.4	89.07		1.067	1.019
48.7	65.8	88.57		1.048	1.002
56.5	72.0	87.25		1.028	1.012
62.9	76.5	86.02		1.018	1.038
70.1	81.8	84.86		1.009	1.039
72.1	82.7	84.58		1.001	1.069
76.5	86.3	83.82		1.007	1.032
81.7	89.1	83.04		1.000	1.083
82.8	90.3	82.69		1.000	1.038
90.6	94.8	81.60		1.000	1.058
95.7	97.5	80.88		1.000	1.151
98.4	99.1	80.56		1.000	1.117
10.0	19.4	90.34	600	1.129	1.001
20.2	35.5	87.49		1.111	1.000
30.1	48.2	85.03		1.089	1.000
48.5	66.0	81.01		1.045	1.018
56.2	73.6	79.72		1.046	1.000
62.8	76.5	78.51		1.010	1.066
70.1	81.9	77.31		1.006	1.067
72.0	83.0	77.00		1.002	1.082
82.7	90.4	75.22		1.005	1.056
90.5	94.9	74.11		1.000	1.064
95.7	97.5	73.31		1.000	1.189
98.4	99.2	72.97		1.000	1.037
10.1	20.6	77.91	400	1.149	1.002
20.4	36.4	75.17		1.096	1.016
30.1	49.3	72.62		1.092	1.014
48.4	67.0	68.68		1.050	1.039

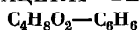
Таблица № 1272 (продолжение)

	y	t	P	γ_1	γ_2
3	73.6	67.29	400	1.039	1.036
5	77.8	66.19		1.025	1.059
1	82.8	64.96		1.015	1.081
5	83.5	64.86		1.008	1.093
6	90.5	62.94		1.010	1.112
5	95.0	61.72	200	1.010	1.126
7	97.8	60.99		1.008	1.128
4	99.2	60.72		1.004	1.115
1	21.8	58.47		1.164	1.000
2	37.6	55.85		1.104	1.000
3	50.8	53.41		1.087	1.000
4	69.1	49.38		1.078	1.000
6	75.3	48.04		1.065	1.000
6	78.7	47.37		1.042	1.007
0	84.2	45.93		1.038	1.017
1	84.9	45.64		1.040	1.024
2	91.4	43.84		1.048	1.020
3	95.6	42.90		1.030	1.000
5	97.9	42.20		1.025	1.082
8	99.2	42.00		1.017	1.113

№273

ЭТИЛАЦЕТАТ—БЕНЗОЛ

[436]



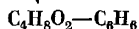
x	y	t	P	x	y	t	P
7.2	8.7	79.7	760	55.0	57.2	77.8	760
11.5	13.4	79.4		61.9	63.4	77.7	
19.3	21.5	79.1		68.0	69.6	77.6	
24.6	27.1	78.9		75.8	77.0	77.4	
32.8	35.0	78.6		83.7	84.5	77.3	
40.4	43.0	78.3		91.2	92.0	77.3	
47.5	49.9	78.0					

Примечание. Данные рассчитаны по графику, приведенному в статье.

№ 1274

ЭТИЛАЦЕТАТ—БЕНЗОЛ

[430]



x	y	t	P	γ_1	γ_2
1.6	2.0	80.01	760	1.14	1.000
2.7	3.3	79.95		1.12	0.999
6.0	7.1	79.77		1.090	0.999
13.6	15.7	79.40		1.075	0.999
16.0	18.4	79.28		1.075	0.998

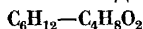
Таблица № 1274 (продолжение)

x	y	t	P	γ_1	γ_2
23.0	25.6	78.96	760	1.050	1.001
30.0	32.9	78.66		1.045	1.006
35.9	38.7	78.43		1.035	1.008
42.2	44.8	78.19		1.027	1.015
44.1	46.5	78.12		1.021	1.020
52.8	54.7	77.84		1.014	1.032
58.7	60.5	77.67		1.015	1.035
69.7	70.7	77.49		1.003	1.055
77.4	78.0	77.38		1.001	1.060
83.4	83.8	77.32		1.001	1.065
84.1	84.5	77.31		1.000	1.070
85.7	86.0	77.29		0.999	1.075
91.2	91.4	77.23		1.000	1.070
95.0	95.1	77.19		1.000	1.080

№ 1275

ЦИКЛОГЕКСАН—ДИОКСАН

[1053]

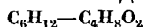


x	y	t	P	γ_1	γ_2
0	0.0	20	28.1	—	1.00
10	55.1		59.0	4.17	1.05
21	63.9		76.0	2.98	1.23
40	72.0		82.8	1.91	1.37
55	80.5		83.5	1.57	1.28
65	84.0		83.0	1.38	1.35
74	84.0		83.0	1.21	1.82
91	94.1		80.8	1.07	1.92
100	100.0		77.8	1.00	—

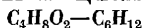
№ 1276

ЦИКЛОГЕКСАН—ДИОКСАН

[868]

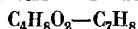


x	y	t	P	γ_1	γ_2
0.00	0.00	80	Нет данных	2.5539	1.0000
10.00	31.58			2.1735	1.0078
20.00	46.81			1.8828	1.0309
30.00	55.89			1.6481	1.0739
40.00	62.49			1.4686	1.1325
50.00	67.79			1.3282	1.2165
60.00	72.08			1.2116	1.3569
70.00	75.88			1.1147	1.5938
80.00	80.59			1.0449	1.9416
90.00	88.16			1.0096	2.3527
100.00	100.00			1.0000	2.8700



x	y	t	P	x	y	t	P
5.9	13.5	77.5	760	58.1	56.1	71.5	760
10.9	21.9	75.7		66.4	61.6	71.7	
19.8	32.0	73.8		75.1	68.2	72.3	
26.0	35.7	72.9		83.8	70.0	73.2	
35.5	43.0	72.0		89.1	82.5	74.2	
43.2	48.2	71.6		93.3	88.3	75.2	
47.1	50.2	71.6					

Примечание. Данные рассчитаны по графику, приведенному в статье.



x	y	t	P	γ_1	γ_2
4.4	7.2	109.55	760	1.265	1.000
8.7	12.9	108.86		1.170	1.001
13.4	19.4	107.86		1.177	1.007
23.7	31.9	106.37		1.144	1.009
31.0	40.4	105.18		1.129	1.011
41.6	51.0	103.99		1.121	1.017
44.9	54.1	103.84		1.204	1.014
51.4	59.7	102.94		1.098	1.037
62.0	68.9	102.10		1.077	1.049
70.3	75.1	101.95		1.040	1.080
80.6	83.5	101.45		1.025	1.112
96.4	96.9	101.15		1.003	1.126
98.4	98.6	101.11		1.002	1.156
8.7	12.9	100.72	600	1.184	1.006
15.2	20.0	99.58		1.198	1.005
23.2	31.8	98.38		1.179	1.006
31.0	40.6	97.38		1.163	1.006
41.8	51.0	96.16		1.127	1.021
44.9	53.5	96.08		1.103	1.027
51.4	59.7	95.38		1.100	1.031
62.2	68.9	94.55		1.078	1.050
70.5	74.9	94.31		1.042	1.094
80.6	83.1	93.93		1.024	1.133
90.8	92.0	93.65		1.015	1.141
9.7	12.9	87.75	400	1.082	1.021
15.0	21.9	86.62		1.234	1.009
23.2	31.7	85.46		1.202	1.015
31.0	40.4	84.61		1.181	1.014
45.0	53.2	83.34		1.120	1.043
51.7	59.2	82.87		1.108	1.051
62.5	68.9	81.99		1.095	1.064
70.5	74.5	81.82		1.056	1.112

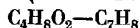
Таблица № 1278 (продолжение)

x	y	t	P	γ_1	γ_2
80.7	82.9	81.56	400	1.036	1.154
90.9	91.9	81.36		1.027	1.167
9.7	13.9	67.60	200	1.213	1.023
15.2	21.9	66.42		1.278	1.028
23.2	31.5	65.62		1.243	1.032
31.2	40.4	64.72		1.228	1.037
45.0	52.9	63.58		1.167	1.045
51.7	59.0	63.23		1.149	1.076
62.4	68.7	62.47		1.143	1.088
70.5	74.0	62.36		1.094	1.156
80.7	82.5	62.17		1.074	1.198
90.0	91.8	62.12		1.063	1.193

№ 1279

ЭТИЛАЦЕТАТ—ТОЛУОЛ

[430]

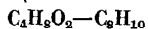


x	y	t	P	γ_1	γ_2
2.1	6.4	108.82	760	1.21	1.005
3.2	9.7	107.87		1.20	1.010
4.8	13.7	106.94		1.19	1.011
10.7	26.5	103.46		1.17	1.012
17.5	39.1	99.80		1.13	1.017
27.0	52.8	95.51		1.11	1.017
28.3	54.5	95.02		1.11	1.016
36.5	62.9	92.09		1.090	1.033
45.2	70.3	89.22		1.065	1.043
50.8	80.0	85.16		1.035	1.080
65.6	83.7	83.55		1.033	1.095
71.5	86.7	82.25		1.023	1.110
77.3	89.9	81.14		1.020	1.125
83.5	92.8	79.91		1.018	1.15
89.1	95.3	78.80		1.011	1.18
92.2	96.7	78.39		1.006	1.19
95.4	98.0	77.81		1.005	1.21
97.0	98.7	77.60		1.000	1.23

№ 1280

ЭТИЛАЦЕТАТ—*n*-КИЛОЛ

[430]



x	y	t	P	γ_1	γ_2
0.6	4.8	136.54	760	1.60	1.002
1.9	13.8	133.12		1.57	1.007
3.3	22.0	130.03		1.55	1.014
4.4	28.0	127.88		1.55	1.007

Таблица № 1280 (продолжение)

x	y	t	P	γ_1	γ_2
7.0	38.4	123.44	760	1.485	1.000
10.0	47.5	119.08		1.460	1.009
12.4	53.0	115.97		1.415	1.023
16.5	61.2	111.13		1.385	1.021
23.5	69.5	105.05		1.310	1.035
31.0	77.1	99.62		1.270	1.057
39.9	82.5	95.00		1.215	1.075
44.0	84.7	93.17		1.117	1.090
52.4	87.8	90.12		1.113	1.15
63.5	91.6	86.54		1.063	1.20
66.7	92.5	85.65		1.057	1.19
76.5	94.8	83.10		1.040	1.29
84.6	96.7	80.91		1.021	1.35
91.2	98.1	79.20		1.009	1.44
94.9	98.9	78.17		1.005	1.53
96.5	99.2	77.92		1.001	1.64

№ 1281

[352]

β,β'-ДИХЛОРЕТИЛСУЛЬФИД (ШРИТ) —

ФЕНИЛОВЫЙ ЭФИР

 $C_4H_8Cl_2S-C_{12}H_{10}O$

x	y	t	P
65.8	66.8	30	Нет данных
65.8	80.8	40	
33.8	72.2	50	
65.8	89.2	50	

1282

ХЛОРИСТЫЙ БУТИЛ—БРОМИСТЫЙ БУТИЛ

[992]

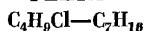
 $C_4H_9Cl-C_4H_9Br$

x	y	t	P	x	y	t	P
0.00	0.00	50	126.7	49.91	70.35	50	207.1
4.17	8.13		131.6	51.22	72.22		209.5
10.76	19.72		141.5	57.78	75.79		220.6
17.74	32.57		153.5	67.20	82.30		236.1
24.46	42.43		166.4	75.02	86.98		249.7
29.18	48.07		173.5	86.20	93.72		267.7
36.66	54.61		184.0	94.99	98.08		281.9
45.19	63.54		199.7	100.00	100.00		295.8

№ 1283

[1992]

ХЛОРИСТЫЙ БУТИЛ—
ГЕПТАН

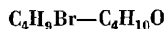


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	50	140.0
4.96	11.29		152.4
11.28	22.61		167.2
15.80	34.96		182.8
28.70	47.69		201.7
38.53	56.85		217.6
44.62	62.62		229.0
52.73	69.78		239.6
59.55	74.29		248.2
63.86	77.43		255.2
69.79	80.80		262.5
77.97	85.43		271.2
86.45	91.00		280.2
95.65	96.02		288.8
100.00	100.00		294.2

№ 1284

[1993]

БРОМИСТЫЙ БУТИЛ—
БУТИЛОВЫЙ СПИРТ

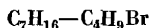


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	50	33.3
2.61	37.07		43.7
6.17	48.52		54.2
11.68	61.42		70.5
22.49	72.74		92.8
29.07	76.41		103.0
36.32	78.72		109.5
42.40	80.29		115.2
47.74	81.60		119.0
49.67	81.33		120.0
61.02	83.38		125.8
71.85	85.22		128.6
74.06	85.80		129.6
78.60	86.78		130.9
85.45	88.07		132.4
100.00	100.00		127.0

№ 1285

ГЕПТАН—БРОМИСТЫЙ БУТИЛ

[1992]

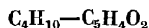


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	50	127.0	41.64	45.36	50	146.4
4.79	7.33		130.8	48.18	50.75		147.4
11.95	17.19		135.5	56.77	57.82		148.9
20.65	26.61		139.8	66.71	65.82		149.5
28.77	34.15		143.5	76.38	74.53		148.4
34.12	39.57		144.8	88.29	86.52		145.4
36.67	40.96		145.5	100.00	100.00		140.0

№ 1286

БУТАН—ФУРФУРОЛ

[757]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
4.59	99.5	37.8	1174	2.23	98.4	51.7	766
4.65	99.5		1174	3.97	99.0		1320
7.81	99.7		1799	5.26	99.3		1645
7.95	99.7		1799	7.76	99.5		2309
8.31	99.7		1849	11.54	99.6		2835
11.66	99.8		2319	17.90	99.8		3473
12.04	99.8		2332	1.68	96.7	65.6	756

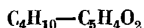
Таблица № 1286 (продолжение)

x	y	t	P	x	y	t	P
2.97	98.0	65.6	1260	1.96	93.7	93.3	1249
4.48	98.7		1793	2.82	95.3		1701
5.98	99.0		2319	3.08	96.0		1847
7.51	99.2		2834	3.82	96.7		2269
9.51	99.4		3348	5.97	97.8		3470
16.46	99.6	5057	4647	8.33	98.2	98.4	4397
20.72	99.6		5057	9.18	98.4		4884

№ 1287

[757]

ИЗОБУТАН—ФУРФУРОЛ

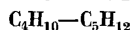


x	y	t	P
1.789	99.2	37.8	768
5.25	99.7		2054
10.29	99.9		3346
4.04	99.4		2052
7.46	99.7	51.7	3342
11.86	99.8		4643
12.12	99.9		4649
3.34	98.8		2059
6.98	99.4	65.6	3859
10.39	99.6		5158
2.38	96.2		2055
5.25	98.2		4120
8.02	98.7	93.3	5942

№ 1288

[417]

БУТАН—ПЕНТАН

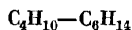


x	y	t	P
1.764	11.3	25	550
2.125	12.1		555
4.165	17.4		580
4.772	20.0		590
5.54	21.05	25	600
7.06	25.3		620
8.59	29.0		640
11.37	37.2		680
17.3	50.0	25	771
17.85	52.6		782.5
18.7	59.4		806.5

№ 1289

БУТАН—ГЕКСАН

[443]



x	y	t	P , ата	x	y	t	P , ата
10.0	24.7	153.8	10.0	30.0	54.8	154.7	15.0
20.0	45.3	141.8		40.0	66.5	144.5	
30.0	60.7	130.5		50.0	75.6	135.2	
40.0	71.7	120.3		60.0	82.5	126.5	
50.0	79.6	111.4		70.0	87.9	118.8	
60.0	85.3	103.6	15.0	80.0	92.5	111.8	20.0
70.0	89.8	96.7		90.0	96.4	105.3	
80.0	93.5	90.7		10.0	18.1	195.8	
90.0	96.8	85.0		20.0	34.9	184.5	
10.0	21.4	177.2		30.0	49.6	173.6	
20.0	39.6	165.7		40.0	61.9	163.4	

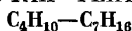
Таблица № 1289 (продолжение)

x	y	t	P , атм	x	y	t	P , атм
50.0	72.0	153.8	20.0	40.0	54.7	189.8	29.0
60.0	79.9	145.9		50.0	65.2	180.4	
70.0	86.0	136.6		60.0	74.2	171.1	
80.0	91.2	128.9		70.0	81.8	162.0	
90.0	95.7	121.6		80.0	88.3	153.1	
10.0	16.1	210.9	25.0	24.1	24.1	219.4	33.5
20.0	31.0	200.2		30.0	35.0	211.9	
30.0	44.6	189.7		40.0	48.8	201.7	
40.0	57.3	179.3		50.0	60.4	192.8	
50.0	68.2	169.4		60.0	70.5	182.0	
60.0	76.8	160.2		70.0	79.2	172.4	
70.0	83.7	151.6		80.0	86.9	163.0	
80.0	89.7	143.2		48.6	48.6	202.6	36.5
90.0	95.1	135.0		60.0	65.4	189.6	
10.0	15.0	220.8	29.0	70.0	76.4	179.5	
20.0	29.2	210.0		80.0	85.3	169.5	
30.0	42.6	199.6					

№ 1290

БУТАН—ГЕПТАН

[660]



x	t	y	t	P , атм	x	t	y	t	P , атм
0	181.1	10	175.3	6.8	40	149.6	85	136.9	13.6
2	176.1	20	169.0		50	137.0	90	126.4	
4	171.4	30	162.5		60	126.1	92	121.6	
6	166.4	40	155.6		70	116.1	94	116.1	
10	157.2	50	148.1		80	107.5	96	110.0	
15	146.7	60	139.6		90	100.1	98	102.8	
20	136.9	70	129.4		100	94.8	99	98.9	
30	120.0	80	116.1		0	247.9	10	239.5	20.4
40	106.4	85	107.5		2	244.4	20	230.9	
50	95.6	90	97.3		4	240.9	30	221.8	
60	86.7	92	92.8		6	237.3	40	212.4	
70	78.8	94	87.8		10	230.2	50	202.5	
80	71.4	96	81.8		15	221.1	60	191.4	
90	66.1	98	74.4		20	212.3	70	178.8	
100	63.3	99	69.6		30	195.3	80	163.9	
0	221.5	10	214.4	13.6	40	179.4	85	155.0	
2	217.2	20	206.8		50	165.1	90	144.4	
4	213.3	30	198.9		60	152.8	92	139.6	
6	209.2	40	190.6		70	142.1	94	134.4	
10	201.3	50	181.7		80	132.2	96	128.9	
15	192.6	60	171.4		90	123.3	98	122.8	
20	181.9	70	159.4		100	116.1	99	119.5	
30	164.7	80	145.6						

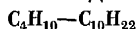
Таблица № 1290 (продолжение)

x	t	y	t	P , ата	x	t	y	t	P , ата
1.1	266.6	10	257.7	27.2			90	167.3	34.0
4	262.2	20	248.0				95	156.9	
6	258.9	30	238.3		46.5	227.0	46.9	227.2	37.4
10	252.8	40	228.2		50	220.6	48	227.2	
15	244.4	50	217.3		55	211.9	50	226.6	
20	236.1	60	205.7		60	203.9	53	224.6	
30	219.2	70	192.8		70	189.5	56	221.9	
40	202.9	80	177.2		80	176.4	60	217.7	
50	188.1	85	168.3		90	163.6	70	210.6	
60	175.0	90	158.0		100	152.2	80	189.7	
70	163.0	92	153.4				85	180.6	
80	151.6	94	148.6				90	171.0	
90	141.1	96	143.5				95	161.5	
100	132.8	98	138.3		57.3	215.0	58.4	215.1	39.1
		99	132.8		60	209.6	60	214.8	
30	242.8	31	243.8	34.0	65	201.7	63	212.8	
35	233.4	32	243.6		70	194.1	66	210.1	
40	224.4	34	242.6		80	180.4	70	205.5	
50	208.4	36	241.2		90	167.8	75	198.4	
60	194.2	40	237.4		92	165.3	80	190.4	
70	180.6	50	227.2		94	162.9	85	187.2	
80	168.2	60	215.2		94.5	162.8	90	172.3	
90	156.5	70	202.1				94	164.4	
100	152.2	80	186.4						

№ 1291

БУТАН—ДЕКАН

[888]



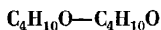
x	y	t	P , ата	x	y	t	P , ата
0.00	0.00	37.8	0.0050	77.94	99.45	104.4	11.9
49.66	99.83		1.70	87.06	99.67		13.6
97.51	99.99		3.40	95.13	99.87		15.3
100.00	100.00		3.50	100.00	100.00		16.4
0.00	0.00	71.1	0.027	0.00	0.00	137.8	0.348
21.62	98.61		1.70	13.87	89.86		3.40
43.24	99.44		3.40	28.70	94.94		6.80
64.34	99.74		5.10	42.62	96.64		10.2
84.86	99.91		6.80	55.53	97.49		13.6
100.00	100.00		8.20	67.14	98.08		17.0
0.00	0.00	104.4	0.108	77.69	98.61		20.4
11.03	93.72		1.70	86.82	99.10		23.8
22.72	96.92		3.40	94.76	99.60		27.2
34.35	98.01		5.10	100.00	100.00		29.65
45.90	98.57		6.80	0.00	0.00	171.1	0.917
57.20	98.93		8.50	8.03	72.83		3.40
68.00	99.21		10.2	18.65	86.29		6.80

Таблица № 1291 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
28.65	90.78	171.1	10.2	63.47	90.99	204.4	34.0
37.91	93.03		13.6	68.73	91.23		37.4
46.80	94.37		17.0	74.00	91.23		40.8
55.13	95.27		20.4	79.28	90.78		44.2
62.73	95.91		23.8	86.5*	86.5*		47.2
69.73	96.39		27.2	0.00	0.00	237.8	4.40
76.30	96.77		30.6	4.90	34.44		6.80
82.23	97.04		34.0	11.70	55.39		10.2
87.71	97.13		37.4	18.10	65.75		13.6
92.87	96.96		40.8	24.17	71.89		17.0
95.6*	95.6*		41.91	29.87	75.95		20.4
0.00	0.00	204.4	2.124	35.30	78.77		23.8
3.24	36.93		3.40	40.51	80.75		27.2
11.60	67.60		6.80	45.52	82.09		30.6
19.50	77.77		10.2	50.35	82.90		34.0
26.90	82.79		13.6	54.92	83.17		37.4
33.86	85.77		17.0	59.50	82.97		40.8
40.40	87.69		20.4	64.27	81.99		44.2
46.58	88.99		23.8	69.80	78.30		47.6
52.46	89.89		27.2	73.9*	73.9*		48.55
58.10	90.53		30.6				

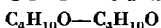
* Критическая точка.

№ 1292 ИЗОБУТИЛОВЫЙ СПИРТ—БУТИЛОВЫЙ СПИРТ [664]



x	y	t	P , ата	x	y	t	P , ата
0.0	0.0	258.5	27.2	0.0	0.0	285.4	40.8
11.8	13.2	257		10.7	11.3	284	
27.4	30.2	255		25.7	27.3	282	
43.1	46.8	253		40.5	42.9	280	
58.7	62.6	251		55.4	57.9	278	
74.6	77.6	249		70.3	72.3	276	
90.2	91.7	247		85.2	86.4	274	
100.0	100.0	245.75		100.0	100.0	272.03	

№ 1293 ЭТИЛОВЫЙ ЭФИР—БУТИЛОВЫЙ СПИРТ [664]



x	y	t	P , ата	x	y	t	P , ата
0.0	0.0	218.3	13.6	31.5	61.5	180	13.6
5.3	16.8	210		43.2	72.4	170	
12.9	34.3	200		56.4	81.8	160	
21.6	48.9	190		71.9	90.0	150	

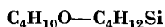
Таблица № 1293 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
90.6	97.0	140	13.6	92.4	96.1	180	27.2
100.0	100.0	135.8	20.4	100.0	100.0	175.7	34.0
0.0	0.0	240.9		0.0	0.0	273.1	
8.3	18.9	230		2.6	4.8	270	
17.1	34.7	220		12.0	19.8	260	
26.8	48.9	210		22.2	33.5	250	
37.7	61.3	200	27.2	33.3	46.1	240	40.8
49.8	72.3	190		45.0	58.0	230	
63.0	82.2	180		57.4	69.2	220	
77.8	91.0	170		70.7	79.8	210	
96.2	98.7	160		84.9	90.0	200	
100.0	100.0	158.3		100.0	100.0	189.8	
0.0	0.0	258.6		0.0	0.0	285.4	
7.0	13.7	250		5.3	7.5	280	
16.2	28.7	240		15.8	21.0	270	
26.2	42.8	230		26.6	33.5	260	
37.2	55.3	220		38.2	45.4	250	
49.2	66.6	210		50.9	56.8	240	
62.3	77.0	200		65.1	65.1	230.0	
76.8	86.7	190					

№ 1294

ЭТИЛОВЫЙ ЭФИР—БУТИЛСИЛАН

[819]

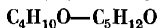


x	y	t	P	x	y	t	P
6.2	19.3	52.7	760	58.5	72.9	39.9	760
17.0	35.5	49.4		68.1	80.4	38.5	
27.0	46.0	46.4		72.3	83.4	37.8	
32.6	56.6	45.1		80.2	87.8	36.5	
43.8	62.5	42.9		90.0	93.5	35.0	
47.6	65.6	42.2					

№ 1295

[433]

БУТИЛОВЫЙ СПИРТ—
ИЗОАМИЛОВЫЙ СПИРТ

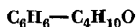


x	y	t	P
0	0	131	760
3.9	6.02	130	
19.9	28.15	127.5	
37.4	48.55	125	
56.85	67.6	122.5	
78.3	85.1	120	
100.0	100.0	117.6	

x	y	t	P	x	y	t	P
0.0	0.0	50	17.5	0.0	0.0	70	57.5
12.8	31.0		22.2	12.8	28.3		69.3
21.4	46.1		25.7	21.4	39.3		77.0
28.4	56.2		27.9	28.6	53.0		86.7
41.5	68.9		33.7	41.3	65.8		98.0
48.8	75.0		36.3	50.4	73.8		106.5
58.5	82.0		40.0	58.5	79.7		116.7
68.0	87.6		44.2	69.0	85.1		126.3
80.6	93.0		48.6	81.5	93.0		138.7
91.0	97.2		52.8	92.0	97.4		148.8
100.0	100.0	60	56.0	100.0	100.0	80	157.0
0.0	0.0		32.0	0.0	0.0		97.0
12.8	30.4		40.0	12.8	28.4		116.0
21.4	44.1		45.2	24.2	45.0		133.8
28.5	54.3		50.4	32.3	55.5		147.0
41.3	66.6		58.2	41.3	65.0		160.2
48.8	71.1		63.0	49.9	71.8		174.1
59.0	82.0		70.0	58.5	78.6		185.8
68.0	86.3		75.3	70.0	86.3		204.5
81.5	93.0		84.0	83.3	93.0		223.5
91.5	96.6		90.4	92.0	97.4		237.0
100.0	100.0		96.0	100.0	100.0		249.8

x	y	t	P	x	y	t	P
0.1	11.0	207.7	760	16.0	97.7	110.0	760
0.2	25.4	203.7		21.9	98.8	100.0	
0.3	32.2	199.3		30.7	99.2	94.8	
0.6	47.0	192.5		37.2	99.4	92.8	
1.4	67.2	177.8		46.4	99.5	90.5	
1.5	77.5	167.2		54.9	99.7	88.3	
4.9	91.0	145.5		65.9	99.8	86.4	
7.5	94.3	130.3		73.6	99.9	84.6	
11.4	96.8	119.3		88.4	99.9	83.7	

x	y	t	P	x	y	t	P
0.0	0.0	25	6.4	68.7	94.1	25	85.8
20.2	88.7		51.6	80.3	95.5		89.3
35.0	91.9		67.4	100.0	100.0		94.4
50.0	93.0		77.9				

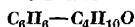


x	y	t	P	x	y	t	P
17.04	81.07	45	114.04	69.93	93.16	45	205.68
29.28	86.89		148.84	80.14	94.21		212.80
39.97	89.46		171.29	90.26	95.68		218.90
50.85	91.15		187.62	94.62	96.77		221.29
59.96	92.21		197.33				

№ 1300

БЕНЗОЛ—БУТИЛОВЫЙ СПИРТ

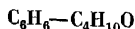
[746]



x	y	t	P	γ_1	γ_2
0.0	0.0	117.70	760	—	1.0000
0.4	2.5	116.90		2.2754	1.0005
4.0	21.7	112.00		2.2304	1.0005
8.5	38.0	107.10		2.0830	1.0026
13.4	51.0	102.22		2.0091	1.0193
16.1	56.0	100.22		1.9450	1.0201
18.0	59.0	98.70		1.9103	1.0345
23.4	66.0	95.60		1.7905	1.0448
30.8	72.4	92.25		1.6560	1.0575
36.9	77.9	89.69		1.5820	1.0596
39.7	78.7	88.28		1.5509	1.1370
47.5	81.9	86.39		1.4259	1.2074
56.0	84.7	84.54		1.3215	1.3213
63.1	86.7	83.19		1.2501	1.4567
71.4	88.5	81.98		1.1698	1.7159
79.0	90.4	81.36		1.1005	2.0065
84.8	92.0	80.87		1.0591	2.3641
89.7	94.7	80.67		1.0371	2.7719
92.8	95.2	80.39		1.0165	3.0597
94.2	96.0	80.28		1.0132	3.1813
94.8	96.3	80.21		1.0122	3.2943
95.4	96.6	80.16		1.0104	3.4293
100.0	100.0	80.09		1.0000	—

№ 1301

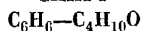
[317]

БЕНЗОЛ—
ИЗОБУТИЛОВЫЙ СПИРТ

x	y	t	P
0.0	0.0	25	12.6
19.5	81.3		56.8
39.6	87.2		75.3
50.2	90.1		83.7
65.7	91.3		89.3
79.8	92.8		93.1

№ 1302

[317]

БЕНЗОЛ—
ВТОРИЧНЫЙ БУТИЛОВЫЙ
СПИРТ

x	y	t	P
0.0	0.0	25	18.4
20.3	73.8		60.7
35.4	81.5		76.9
50.0	85.0		85.4
64.7	86.7		91.0
80.3	88.8		95.2

№ 1303

[317]

БЕНЗОЛ—
ТРЕТИЧНЫЙ БУТИЛОВЫЙ
СПИРТ
 $C_6H_6-C_4H_{10}O$

x	y	t	P
0.0	0.0	25	42.4
19.8	54.5		80.5
34.8	64.8		92.8
50.1	70.9		100.2
64.9	75.5		104.3
80.2	80.4		106.6
90.0	87.0		104.7

№ 1304

[648]

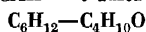
ЭТИЛОВЫЙ ЭФИР—
ИЗОСУЛЬФОЦИАНУРОВО-
АЛЛИЛОВЫЙ ЭФИР
 $C_4H_{10}O-C_6H_7N_3SO_6$

x	y	t	P
0.0	0.0	20.5	4.3
24.6	97.8		144.5
36.1	98.6		195.0
48.5	99.1		249.0
78.1	99.75		361.0
100.0	100.0		447.1

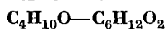
№ 1305

ЦИКЛОГЕКСАН—БУТИЛОВЫЙ СПИРТ

[1015]



x	y	t	P	γ_1	γ_2
3.4	24.8	144.9	760	3.127	0.986
4.9	30.0	109.1		2.957	0.998
6.1	37.0	106.6		3.068	1.000
7.8	42.7	104.6		2.928	0.998
10.7	51.0	101.4		2.749	1.000
11.0	52.0	101.1		2.742	0.995
12.6	56.0	98.7		2.746	1.024
13.6	58.5	98.0		2.708	1.004
17.3	65.0	94.3		2.594	1.025
18.9	67.5	92.5		2.587	1.045
19.9	67.8	92.3		2.480	1.057
21.1	69.0	91.9		2.408	1.050
24.2	73.0	89.9		2.339	1.035
25.5	73.4	89.2		2.274	1.070
27.3	75.0	88.5		2.242	1.060
29.4	76.0	88.0		2.111	1.070
30.3	77.2	87.1		2.132	1.070
36.1	80.0	85.6		1.935	1.091
39.2	81.0	84.9		1.839	1.123
46.9	83.0	83.3		1.645	1.234
47.4	83.4	83.5		1.626	1.206
52.9	84.4	82.4		1.521	1.327
60.3	85.0	81.4		1.383	1.583
67.0	86.8	80.7		1.297	1.729
80.8	88.8	79.8		1.129	2.624
88.0	90.3	79.6		1.061	3.675
98.8	97.5	80.0		1.009	8.978

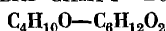


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
10.9	21.7	121.75	760	67.9	69.2	116.2	760
20.8	33.2	120.1		71.0	71.5	116.2	
29.5	41.3	119.1		72.6	73.4	116.6	
36.1	46.5	118.4		72.9	72.9	116.2	
43.3	51.7	117.8		73.1	73.3	116.55	
44.7	52.9	117.5		75.6	75.0	116.55	
51.0	56.9	117.3		82.8	81.3	116.3	
54.4	60.1	117.1		86.5	85.0	116.8	
55.4	60.7	116.8		91.3	89.5	117.0	
57.5	61.9	116.6		96.0	94.2	117.0	
60.8	64.2	116.4		98.0	96.4	117.0	
64.6	66.9	116.3		99.5	98.9	117.0	

№ 1307

БУТИЛОВЫЙ СПИРТ—БУТИЛАЦЕТАТ

[297]

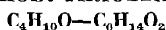


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	52.6	50	61.3	57.8	76.5	165.5
18.0	22.5	51.5		67.5	62.0	76.8	
28.2	32.2	51.1		77.7	70.5	77.2	
35.5	36.3	50.8		87.3	80.7	78.3	
37.0	37.0	50.7		100.0	100.0	80.3	
43.5	41.6	50.8		0.0	0.0	126.1	760
48.7	43.7	50.9		21.9	33.4	121.2	
59.1	50.4	51.2		37.2	48.2	118.9	
76.5	64.5	52.3		51.4	58.0	117.9	
86.8	75.2	53.5		66.4	69.2	117.1	
92.1	83.3	54.7		72.2	74.1	116.9	
100.0	100.0	56.1	165.5	77.9	78.6	116.8	
0.0	0.0	80.5		82.5	82.4	116.9	
16.1	21.0	78.2		84.7	84.4	117.0	
31.3	37.5	76.9		89.6	88.0	117.1	
47.4	47.9	76.4		100.0	100.0	117.5	

№ 1308

БУТИЛОВЫЙ СПИРТ—МОНОБУТИЛОВЫЙ ЭФИР ЭТИЛЕНГЛИКОЛЯ

[499]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
8.9	22.4	Нет данных	80	31.2	69.0	Нет данных	80
14.1	35.1			45.9	83.6		
16.0	40.2			47.1	84.3		
21.6	52.2			56.7	89.8		

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
64.0	93.6	Нет данных	80	87.5	97.9	Нет данных	80
66.0	94.4			88.7	97.6		
72.3	96.7			90.2	99.0		
77.5	96.7						

№ 1309

[499]

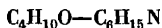
ИЗОБУТИЛОВЫЙ СПИРТ—МОНОИЗОБУТИЛОВЫЙ ЭФИР
ЭТИЛЕНГЛИКОЛЯ
 $C_4H_{10}O-C_6H_{14}O_2$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
11.4	30.5	Нет данных	740	47.1	84.8	Нет данных	740
11.6	31.4			49.7	86.8		
16.6	44.2			53.1	90.1		
23.5	56.7			66.3	93.4		
30.7	68.4			86.7	98.6		
33.7	71.9			87.7	98.8		
37.6	76.2			91.0	99.4		
46.0	83.4			93.9	99.5		

№ 1310

ЭТИЛОВЫЙ ЭФИР—ТРИЭТИЛАМИН

[648]

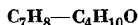


На основании исследований, проведенных при 20.5°, во всем диапазоне концентраций установлено, что эта система практически подчиняется закону Рауля.

№ 1311

ТОЛУОЛ—БУТИЛОВЫЙ СПИРТ

[576]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	γ_1	γ_2
2.8	8.3	115.95	760	2.554	1.000
8.2	21.7	113.15		2.464	1.002
12.0	28.2	111.75		2.276	1.010
19.4	38.0	109.7		2.041	1.030
23.7	43.3	108.5		1.791	1.042
30.3	48.2	107.35		1.748	1.089
38.2	53.3	106.0		1.594	1.167
46.4	57.4	105.75		1.423	1.240
54.0	60.8	105.55		1.303	1.340
61.4	63.7	105.3		1.210	1.493

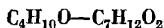
Таблица № 1311 (продолжение)

x	y	t	P	γ_1	γ_2
75.5	70.6	105.5	760	1.084	1.891
79.8	72.8	105.0		1.055	2.091
84.2	76.2	106.1		1.031	2.318
89.6	81.0	106.9		1.006	2.725
95.0	89.2	108.3		1.003	3.051
2.8	9.2	109.2	600	2.702	1.006
8.2	22.6	106.35		2.461	1.014
12.0	29.9	104.6		2.342	1.026
19.7	40.6	102.25		2.077	1.044
23.7	45.0	101.1		2.041	1.112
30.3	50.4	100.5		1.791	1.100
38.1	56.2	99.1		1.659	1.137
46.0	59.5	98.45		1.462	1.238
53.8	62.7	98.0		1.336	1.357
61.4	65.8	97.7		1.240	1.508
75.4	71.5	97.7		1.097	1.972
79.5	73.7	98.05		1.061	2.153
84.0	76.3	98.3		1.034	2.439
89.2	81.5	98.8		1.020	2.787
95.0	89.2	100.2		1.006	3.320
2.8	11.2	98.55	400	3.007	1.000
8.4	26.8	95.4		2.643	1.000
12.0	33.9	93.7		2.468	1.015
19.4	44.2	91.0		2.171	1.042
23.7	50.0	89.5		2.108	1.052
30.3	54.2	88.5		1.847	1.102
38.1	59.0	87.3		1.663	1.171
46.0	62.7	86.65		1.496	1.254
53.7	66.0	86.05		1.375	1.373
61.4	68.5	85.8		1.259	1.564
74.8	73.8	85.45		1.126	1.996
80.1	76.0	85.85		1.069	2.202
83.3	77.9	86.0		1.048	2.480
88.9	81.9	86.48		1.076	2.963
94.8	89.2	87.7		1.012	3.610
2.9	14.0	81.9	200	3.107	1.000
8.7	31.0	78.0		2.624	1.020
12.0	38.4	76.2		2.510	1.029
19.6	50.8	73.0		2.279	1.049
23.7	55.2	71.7		2.148	1.072
30.3	59.0	70.5		1.876	1.139
38.2	63.4	69.3		1.711	1.218
46.0	68.2	68.1		1.562	1.286
53.6	70.6	67.35		1.427	1.437
61.4	73.6	67.2		1.306	1.562
74.8	77.4	66.95		1.182	2.075
79.2	79.2	66.8		1.106	2.332
83.2	80.9	66.9		1.072	2.638
88.7	83.8	67.1		1.033	3.293
94.8	89.7	67.95		1.002	4.355

x	y	t	P	γ_1	γ_2
0.0	0.0	117.7	760	—	1.000
2.8	7.5	116.05		2.333	1.004
9.6	22.1	112.9		2.159	1.022
16.5	32.1	110.5		1.952	1.056
22.7	39.9	109.0		1.841	1.069
31.8	48.7	107.6		1.670	1.092
41.5	55.4	106.4		1.508	1.159
48.7	59.5	106.0		1.396	1.220
53.2	61.7	105.8		1.333	1.274
55.8	62.7	105.7		1.295	1.317
61.4	65.3	105.6		1.230	1.411
66.8	67.5	105.5		1.172	1.542
67.5	67.6	105.5		1.161	1.571
70.1	68.7	105.5		1.136	1.649
76.6	72.0	105.6		1.087	1.878
85.9	78.4	106.3		1.034	2.338
87.1	79.4	106.5		1.027	2.419
94.8	89.4	108.1		1.010	2.956
100.0	100.0	110.6		1.000	—

x	y	t	P	x	y	t	P
0.0	0.0	108.0	760	58.8	54.4	100.6	760
6.6	13.1	105.2		63.8	57.0	100.9	
11.4	21.8	103.6		68.2	59.8	101.4	
15.0	26.7	102.8		76.2	64.1	101.9	
21.1	33.4	101.9		80.3	67.4	102.5	
25.3	36.3	101.7		84.4	71.2	103.3	
33.3	42.1	101.2		87.0	73.6	103.8	
35.5	44.2	101.1		89.7	77.3	104.7	
44.1	48.0	100.8		96.5	87.0	107.2	
55.0	53.6	100.5		100.0	100.0	110.4	

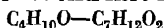
x	y	t	P	x	y	t	P
3.0	27.0	127.2	600	11.5	84.5	96.1	600
4.3	48.1	120.1		35.5	98.4	58.5	
7.0	62.8	109.6		58.0	98.4	43.1	
8.5	68.6	105.6		82.0	99.4	33.5	

БУТИЛОВЫЙ СПИРТ—*м*-АКРИЛОВОБУТИЛОВЫЙ ЭФИР

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	83.7	50	60.7	84.5	59.2	50
5.5	31.5	77.3		79.8	90.0	57.4	
11.0	47.8	72.4		89.9	94.1	56.4	
18.7	61.4	68.0		97.0	97.8	56.2	
36.5	75.5	62.8		100.0	100.0	56.0	

1316

[536]

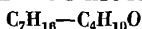
БУТИЛОВЫЙ СПИРТ—*м*-АКРИЛОВОБУТИЛОВЫЙ ЭФИР

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	65.0	20.3	60.7	83.6	65.0	67.8
5.5	34.4		27.2	79.8	89.6		74.9
11.0	50.4		33.1	89.9	93.8		77.6
18.7	63.8		42.9	97.0	97.9		79.8
36.5	75.6		55.8	100.0	100.0		80.5

1317

ГЕПТАН—БУТИЛОВЫЙ СПИРТ

[993]

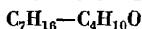


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	50	33.3	46.90	81.68	50	141.9
21.66	68.28		113.5	63.59	85.20		148.6
26.12	76.27		123.5	77.88	85.99		151.3
31.95	80.17		131.6	80.20	85.98		151.2
36.00	80.21		135.9	89.53	87.46		151.5
36.31	81.21		133.6	93.12	90.76		149.4
45.71	81.66		140.7	100.00	100.00		140.5

№ 1318

ГЕПТАН—БУТИЛОВЫЙ СПИРТ

[115]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	γ_1	γ_2
7.0	34.2	109.8	760	3.57	0.97
22.7	57.3	100.1		2.41	1.07
34.7	65.2	97.0		1.97	1.18
51.5	71.0	94.7		1.54	1.45

Таблица № 1318 (продолжение)

x	y	t	P	γ_1	γ_2
57.3	72.4	94.4	760	1.43	1.50
74.5	76.6	93.9		1.18	2.30
87.2	81.2	94.3		1.05	3.62
92.7	85.6	95.0		1.02	4.68

№ 1319

БУТИЛОВЫЙ СПИРТ—ЭТИЛБЕНЗОЛ

[508]

 $C_4H_{10}O-C_6H_{10}$

x	y	t	P	γ_1	γ_2
4.15	15.80	131.45	760	2.364	1.001
5.60	20.25	129.75		2.375	1.007
9.80	29.05	126.80		2.152	1.017
14.90	38.30	123.90		2.064	1.020
19.75	43.35	121.80		1.946	1.055
25.70	48.05	120.30		1.702	1.092
31.70	51.90	119.05		1.555	1.142
37.10	55.00	118.15		1.455	1.185
42.90	57.95	117.50		1.354	1.249
47.65	60.00	116.95		1.291	1.313
52.70	62.10	116.65		1.221	1.392
57.35	64.70	116.35		1.183	1.452
61.90	66.80	116.05		1.145	1.542
66.80	70.05	115.80		1.124	1.610
72.85	72.85	115.85		1.069	1.779
78.35	76.90	115.85	100	1.049	1.898
83.10	80.55	115.85		1.038	2.048
88.10	84.95	116.20		1.017	2.230
92.70	90.00	116.75		1.002	2.375
96.95	95.55	117.20		1.001	2.496
4.00	16.65	69.90		4.232	1.036
6.40	23.60	67.80		4.136	1.058
12.90	32.15	65.85		3.089	1.080
17.70	36.35	65.40		2.613	1.104
22.80	39.25	64.25		2.488	1.180
28.05	41.90	64.45		1.994	1.203
32.60	43.60	64.35		1.795	1.246
36.80	45.95	63.70		1.730	1.308
42.70	47.75	63.80		1.542	1.396
48.50	49.95	63.60		1.430	1.489
54.10	52.15	63.80		1.328	1.589
59.10	54.50	63.65		1.279	1.708
63.65	56.50	64.00		1.213	1.770
70.10	60.35	64.20		1.164	1.990
75.30	63.85	64.55		1.126	2.163

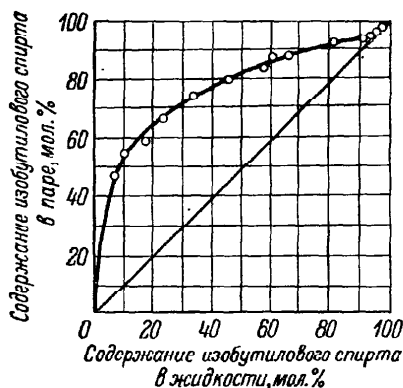
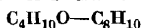
Таблица № 1319 (продолжение)

x	y	t	P	γ_1	γ_2
80.40	68.00	65.00	100	1.096	2.364
85.40	73.90	65.85		1.073	2.481
89.85	79.00	66.35		1.067	2.836
93.25	84.40	67.35		1.043	3.037
96.00	90.05	67.95		1.044	3.193

1320

ИЗОБУТИЛОВЫЙ СПИРТ—*o*-КСИЛОЛ

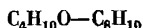
[44]

 $P = 760 \text{ мм}$

№ 1321

ИЗОБУТИЛОВЫЙ СПИРТ—*o*-КСИЛОЛ

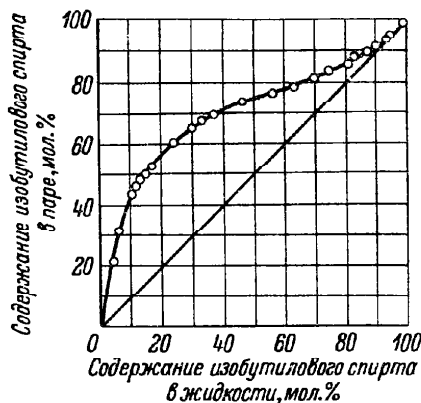
[295]



x	y	t	P	γ_1	γ_2
6.8	32.5	130.5	760	3.210	1.100
13.0	48.0	123.2		2.602	1.093
20.0	58.2	117.0		2.175	1.170
40.0	72.0	113.0		1.470	1.125
45.0	74.0	110.1		1.472	1.285
55.0	77.5	109.5		1.298	1.408

Таблица № 1321 (продолжение)

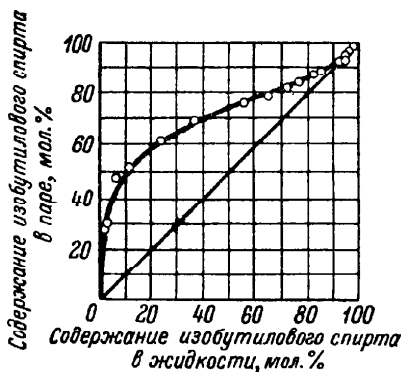
x	y	t	P	γ_1	γ_2
70.5	82.5	108.5	760	1.169	1.732
74.5	84.5	108.5		1.133	1.777
95.0	96.0	108.0		1.028	2.430

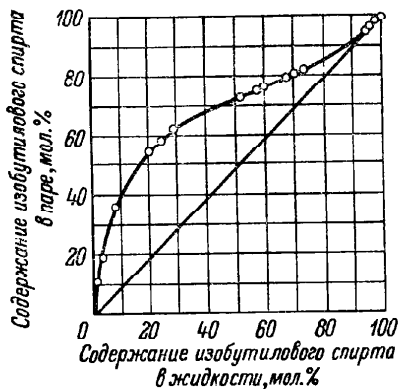
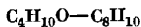
 $P = 760$ мм

№ 1322

ИЗОБУТИЛОВЫЙ СПИРТ—*m*-КСИЛОЛ
 $C_4H_{10}O-C_8H_{10}$

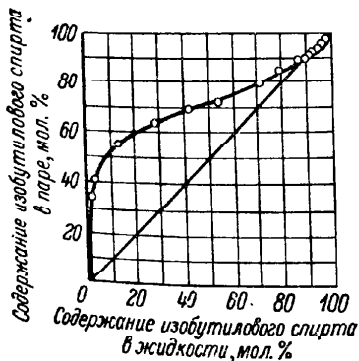
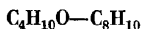
[44]

 $P = 760$ мм


 $P = 760 \text{ мм}$

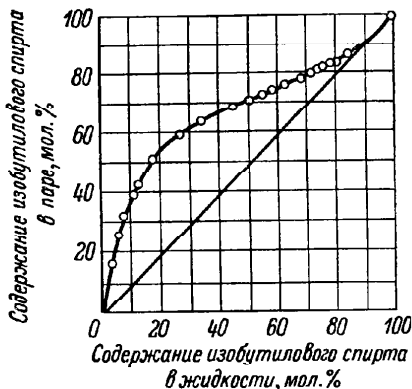
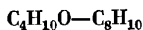
№ 1324

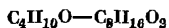
[44]

ИЗОБУТИЛОВЫЙ СПИРТ—
n-КСИЛОЛ
 $P = 760 \text{ мм}$

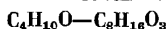
№ 1325

[295]

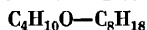
ИЗОБУТИЛОВЫЙ СПИРТ—
n-КСИЛОЛ
 $P = 760 \text{ мм}$



x	y	t	P	x	y	t	P
0	0	166.3	760	50	83.8	—	760
2	11.7	—		60	87.6	—	
5	27.5	—		70	90.7	—	
10	53.4	—		80	93.8	—	
20	67.9	—		90	97.1	—	
30	74.7	—		100	100.0	117.7	
40	79.7	—					



x	y	t	P	x	y	t	P
0.0	0.0	103.6	50	55.5	91.0	64.4	50
5.0	33.0	97.9		80.0	97.0	59.4	
10.0	49.0	92.3		90.0	98.6	58.1	
20.1	68.5	82.3		94.6	99.0	57.0	
38.4	84.5	72.0		100.0	100.0	56.0	

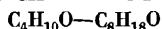


x	y	t	P	γ_1	γ_2
9.4	29.5	115.6	760	3.56	1.04
25.9	46.2	110.5		2.33	1.13
40.9	50.6	109.7		1.66	1.34
54.2	54.3	109.2		1.33	1.61
60.3	56.2	109.3		1.24	1.78
71.2	60.7	109.7		1.14	2.19
79.0	64.9	110.3		1.07	2.66
84.8	69.7	111.4		1.07	3.03
87.0	71.5	111.9		1.02	3.26
93.9	82.6	114.0		1.01	4.02

1329

БУТИЛОВЫЙ СПИРТ—БУТИЛОВЫЙ ЭФИР

[536]

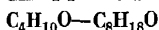


x	y	t	P	x	y	t	P
0.0	0.0	65.0	52.9	70.5	70.0	65.0	93.4
5.4	19.0		62.0	83.8	80.0		89.7
10.6	29.6		68.0	93.8	89.8		84.6
21.0	42.8		77.1	97.0	94.8		82.6
41.6	56.7		86.2	100.0	100.0		80.5

№ 1330

БУТИЛОВЫЙ СПИРТ—БУТИЛОВЫЙ ЭФИР

[222]

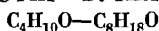


x	y	t	P	x	y	t	P
30.51	54.35	123.90	760	87.54	87.54	117.44	760
53.93	67.78	119.56		94.05	93.30	117.47	
72.48	77.78	117.95		97.01	96.49	117.56	
81.07	83.10	117.57					

№ 1331

ЭТИЛОВЫЙ ЭФИР—БУТИЛОВЫЙ ЭФИР

[842]

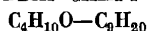


x	y	t	P	x	y	t	P
2.0	28.7	122.8	600	24.8	91.9	68.6	600
3.5	42.4	116.0		33.0	94.4	59.9	
5.3	43.3	106.8		59.8	97.8	42.1	
12.2	80.0	91.8		76.9	98.6	35.0	
16.2	85.0	82.1					

№ 1332

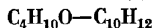
БУТИЛОВЫЙ СПИРТ—НОНАН

[115]



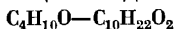
x	y	t	P	γ_1	γ_2
26.2	62.7	121.6	760	2.13	1.17
41.7	69.2	118.6		1.64	1.35
51.7	72.0	117.5		1.39	1.54
52.2	71.5	117.6		1.36	1.57
62.8	74.7	116.7		1.24	1.85
71.5	76.6	116.4		1.15	2.26
81.1	81.4	116.2		1.07	2.81
87.9	85.7	116.2		1.05	3.26
94.4	91.7	116.7		1.01	4.08

БУТИЛОВЫЙ СПИРТ—ТЕТРАГИДРОНАФТАЛИН(1,2,3,4)



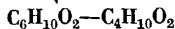
x	y	t	P	γ_1	γ_2
0.0	0.0	207	760	(3.10)	1.000
1.97	34.0	194.0		2.160	0.930
5.9	70.0	166.0		2.910	0.969
12.4	82.6	147.0		2.695	1.063
17.3	87.0	140.0		2.500	1.068
18.8	87.4	139.5		2.359	1.071
28.9	89.5	135.0		1.783	1.184
32.1	91.8	130.4		1.875	1.133
43.8	94.7	125.0		1.679	1.061
48.5	94.8	125.0		1.500	1.139
52.2	95.0	124.4		1.441	1.206
56.1	95.6	124.0		1.378	1.171
68.1	96.0	122.8		1.183	1.309
82.7	97.5	121.0		1.053	1.893
90.8	98.6	119.8		1.006	2.085
96.5	99.9	117.7		1.028	4.220
100.0	100.0	117.5		1.000	(5.40)

БУТИЛОВЫЙ СПИРТ—АЦЕТАЛЬДЕГИДДИБУТИЛАЦЕТАЛЬ



x	y	t	P	x	y	t	P
0.0	0.0	187.8	762	37.0	89.4	129.0	762
0.5	24.7	176.5		51.4	92.4	125.5	
1.8	43.5	168.1		61.0	94.2	123.5	
2.4	44.0	167.5		67.2	95.5	122.2	
4.6	56.1	160.0		77.9	96.9	120.8	
7.9	72.3	148.0		83.0	97.4	120.5	
11.0	77.3	143.4		92.3	98.7	119.0	
24.7	86.5	133.0		100.0	100.0	117.9	

МЕТИЛВИНИЛКАРБИНОЛАЦЕТАТ—ЛЕВО-2,3-БУТИЛЕНГЛИКОЛЬ



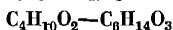
x	y	t	P	x	y	t	P
0.0	0.0	179.0	760	31.2	88.0	125.5	760
0.8	10.0	175.5		46.4	91.7	120.5	
2.4	24.8	170.4		75.7	97.5	114.9	
4.7	54.8	156.0		86.5	98.6	114.0	
6.9	63.5	150.4		88.3	98.8	113.5	
11.6	72.5	141.2		100.0	100.0	111.8	
17.9	80.4	133.9					



x	y	t	P	x	y	t	P
0.0	0.0	135.0	760	57.0	63.0	126.0	760
0.5	12.1	133.2		59.7	65.5	125.9	
0.6	18.2	132.1		71.0	73.7	125.8	
0.7	10.0	131.5		77.3	78.3	125.7	
0.7	33.7	129.3		83.9	83.9	125.7	
0.4	35.9	129.2		88.3	87.3	125.8	
0.5	44.5	127.7		94.1	91.4	125.9	
0.8	47.0	127.6		100.0	100.0	126.1	
0.9	57.3	126.4					

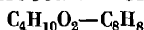
Примечание. Данные рассчитаны по графику, приведенному в статье.

ЦЕЛЛОЗОЛЬВ—МОНОЭТИЛОВЫЙ ЭФИР ДИЭТИЛЕНГЛИКОЛЯ

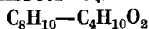


x	y	t	P	x	y	t	P
0.40	28.7	Нет данных	740	50.00	89.9	Нет данных	740
0.80	28.2			58.80	93.4		
0.50	38.84			65.80	93.8		
0.95	54.7			71.92	96.0		
0.82	71.3			77.44	97.0		
0.93	78.2			88.80	99.4		
0.90	81.26			91.46	99.75		
0.40	83.1			93.30	100.00		
0.65	88.9						

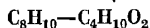
ЦЕЛЛОЗОЛЬВ—СТИРОЛ



x	y	t	P	γ_1	γ_2
0.0	0.0	65.6	50	—	1.000
8.3	20.0	63.1		2.552	0.982
15.0	27.8	61.8		2.091	1.006
20.5	31.8	61.0		1.820	1.052
38.3	42.0	59.9		1.357	1.212
48.2	46.8	60.0		1.196	1.320
62.8	55.5	60.5		1.062	1.502
78.0	68.3	61.5		1.002	1.726
84.8	75.5	62.1		1.000	1.882
93.5	87.5	63.5		0.976	2.111
96.8	93.4	64.2		0.970	2.192
100.0	100.0	64.5		1.000	—

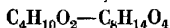


x	y	t	P	γ_1	γ_2
0.0	0.0	64.5	50	—	1.000
5.4	16.2	61.7		2.503	1.005
9.0	24.7	60.3		2.442	1.006
10.8	27.2	59.6		2.312	1.026
16.4	36.2	58.0		2.172	1.037
25.6	45.6	56.3		1.895	1.085
26.5	47.0	56.2		1.894	1.074
29.8	49.0	55.8		1.788	1.104
30.0	50.0	55.7		1.819	1.092
52.3	62.4	54.2		1.398	1.311
65.5	67.0	53.9		1.212	1.600
66.5	67.2	53.9		1.406	1.636
74.6	71.3	54.1		1.124	1.817
75.4	71.8	54.1		1.121	1.945
82.0	75.0	54.7		1.046	2.232
82.4	75.5	54.7		1.048	2.236
84.2	76.2	54.9		1.027	2.389
87.4	79.0	55.3		1.007	2.598
100.0	100.0	57.8		1.000	—

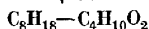


x	y	t	P	γ_1	γ_2
2.95	6.60	134.15	760	2.364	0.998
6.15	12.75	133.2		2.248	0.992
11.75	21.05	131.3		2.047	1.012
14.60	24.80	131.1		1.952	1.003
24.20	34.60	129.0		1.741	1.051
25.30	36.00	129.2		1.723	1.037
32.85	41.40	128.5		1.557	1.080
39.60	45.25	128.1		1.427	1.137
48.40	50.40	127.9		1.308	1.216
53.25	52.70	127.8		1.247	1.283
66.55	59.65	128.2		1.121	1.508
76.55	65.50	129.0		1.042	1.732
83.50	71.55	129.9		1.018	2.038
90.50	79.72	131.9		0.990	2.372
95.40	88.10	133.55		0.992	2.724

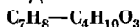
асво-2,3-БУТИЛЕНГЛИКОЛЬ- мезо-2,3-БУТИЛЕНГЛИКОЛЬДИАЦЕТАТ



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
8.0	17.0	165.2	350	2.5	4.5	193.0	760
16.0	27.0	158.9		4.8	7.1	189.8	
48.0	54.0	163.9		9.6	14.0	187.0	
64.0	65.0	153.0		19.0	26.0	184.0	
70.0	68.8	153.0		34.2	41.5	181.5	
75.5	72.5	153.1		41.0	48.8	180.4	
80.5	75.0	153.2		55.0	61.0	178.6	
90.0	83.0	153.7		71.3	73.0	177.6	
93.3	87.5	154.0		80.8	79.5	177.6	
98.0	93.0	154.5		95.5	93.8	177.7	
100.0	100.0	154.8		100.0	100.0	179.0	
1.0	6.5	153.8	250	8.5	24.0	172.0	500
8.5	19.0	150.6		22.2	28.5	168.5	
16.2	30.0	148.0		28.0	37.0	167.2	
28.5	49.5	145.8		61.0	64.0	164.7	
39.5	58.0	144.4		71.0	71.0	164.6	
58.5	61.0	143.5		77.0	75.0	164.6	
71.5	66.5	143.5		83.0	79.0	164.8	
80.5	72.5	143.8		89.0	84.5	165.1	
84.0	75.0	144.0		92.5	87.5	165.2	
91.5	82.5	144.5		95.0	90.5	165.4	
100.0	100.0	145.0		100.0	100.0	165.8	



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	γ_1	γ_2
1.00	6.40	133.6	760	5.161	0.997
2.40	14.75	131.1		5.298	0.994
3.75	20.00	129.6		4.788	0.993
5.35	26.05	127.75		4.598	0.993
7.75	33.00	125.5		4.278	0.996
10.75	38.55	123.45		3.815	1.011
15.75	45.40	121.95		3.200	1.000
22.30	49.75	119.55		2.653	1.083
30.20	53.95	118.4		2.196	1.150
40.10	56.75	117.45		1.788	1.303
52.50	60.20	117.0		1.468	1.538
65.10	63.00	117.05		1.237	1.942
74.75	66.25	117.25		1.123	2.430
77.90	68.00	117.05		1.115	2.652
98.00	74.55	110.0		1.023	3.622
94.75	86.90	122.6		1.000	3.763



x	y	t	P	x	y	t	P
6.62	99.82	50	55.8	5.26	99.23	100	232.5
6.73	99.82		58.5	8.66	99.41		321.3
7.31	99.83		59.6	11.57	99.46		388.3
8.88	99.84		63.9	15.80	99.47		448.8
10.45	99.85		67.6	16.57	99.55		471.8
11.79	99.86		71.9	19.77	99.62		494.8
12.69	99.88		84.2	21.49	99.69		488.8
13.80	99.87		79.1	1.61	96.13	130	274.2
14.69	99.88	100	82.3	2.52	96.86		325.3
14.91	99.88		82.2	3.44	97.22		392.3
15.33	99.64		83.3	4.81	97.63		455.1
1.84	98.34		120.7	5.94	98.11		529.6
2.76	98.73		150.3	11.35	98.48		632.3
4.24	99.12		193.1				

№ 1344

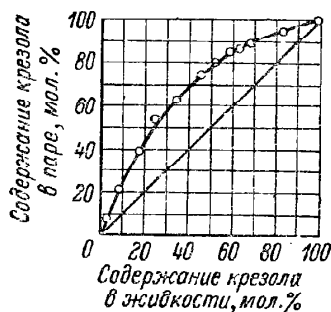
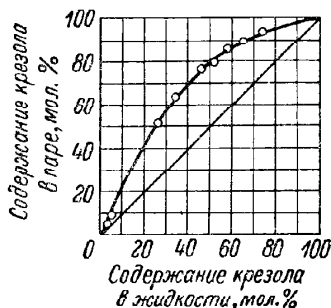
[830]

№ 1345

[830]

m -КРЕЗОЛ—
ДИЭТИЛЕНГЛИКОЛЬ
 $C_7H_8O-C_4H_{10}O_3$

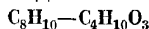
m -КРЕЗОЛ—
ДИЭТИЛЕНГЛИКОЛЬ
 $C_7H_8O-C_4H_{10}O_3$

 $P = 760$ мм $P = 760$ мм

№ 1346

 o -КСИЛОЛ—ДИЭТИЛЕНГЛИКОЛЬ

[219]



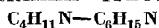
x	y	t	P	x	y	t	P
2.40	96.36	100	54.9	10.90	98.14	100	155.6
5.40	97.70		86.8	3.00	93.98		127.9
7.40	98.19		127.0	6.00	95.71		186.4
8.20	98.32		136.9	7.70	96.49		242.3

x	y	t	P	x	y	t	P
9.10	97.39	125	283.4	6.80	92.78	150	362.8
11.00	97.09		313.1	8.00	94.03		450.9
2.20	83.40	150	170.5	10.80	94.96		525.9
3.80	90.01		261.2	11.80	95.22		577.4

№ 1347

ДИЭТИЛАМИН—ТРИЭТИЛАМИН

[359]



x	y	t	P	x	y	t	P
0.0	0.0	65.0	350	97.4	99.3	44.2	500
2.3	6.8	63.2		100.0	100.0	43.85	
5.2	15.0	61.5		0.0	0.0	81.0	600
9.4	26.0	59.3		2.1	4.5	79.7	
15.7	38.2	56.5		6.0	14.8	77.55	
32.2	60.4	50.5		10.0	26.7	75.0	
46.6	72.7	46.25		21.8	45.4	69.9	
59.4	82.2	42.7		32.3	57.4	66.25	
83.4	93.8	37.7		38.6	65.1	63.7	
93.5	97.8	35.55		65.5	84.8	56.0	
100.0	100.0	34.75		85.1	94.3	51.6	
0.0	0.0	68.5	400	96.3	98.5	49.3	
3.2	9.2	66.25		100.0	100.0	48.85	
32.7	59.9	53.9		0.0	0.0	83.55	650
44.1	71.1	50.5		3.0	7.0	81.35	
75.3	90.5	42.75		8.5	16.3	79.6	
92.6	98.0	39.25		12.4	30.0	76.1	
97.7	99.3	38.40		29.3	53.8	69.5	
100.0	100.0	38.05		37.1	63.1	66.55	
0.0	0.0	72.35	450	43.8	70.1	64.1	
1.2	2.8	71.3		48.2	73.4	63.0	
5.8	15.2	68.6		63.6	83.7	58.6	
13.6	36.0	64.5		68.3	86.0	57.55	
27.2	55.3	59.1		86.2	94.6	53.45	
42.0	68.7	54.1		95.3	98.3	51.85	
45.6	72.0	53.2		100.0	100.0	51.1	
72.8	88.0	46.5		0.0	0.0	86.0	700
90.3	96.4	42.7		2.1	4.5	84.5	
96.0	99.0	41.65		7.1	17.6	81.6	
98.0	99.6	41.35		15.7	35.5	77.1	
100.0	100.0	41.1		23.7	47.2	73.65	
0.0	0.0	75.5	500	38.2	64.0	68.4	
2.3	5.3	73.8		54.8	77.9	63.4	
13.2	32.7	68.0		57.9	79.8	62.65	
16.9	38.0	66.3		77.7	90.7	57.7	
36.7	64.9	58.85		90.0	96.4	55.0	
49.9	74.6	55.0		97.1	99.0	53.6	
86.8	94.8	46.15		100.0	100.0	53.2	

Таблица № 1347 (продолжение)

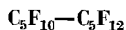
x	y	t	P	x	y	t	P
0.0	0.0	88.85	760	30.5	55.2	75.3	800
2.0	4.2	87.35		43.7	63.7	70.7	
3.9	8.5	86.05		49.7	73.8	68.8	
5.2	12.4	85.2		66.4	84.6	64.25	
6.5	15.3	84.4		74.8	88.9	62.2	
9.0	22.5	83.15		86.3	94.6	59.7	
9.2	24.3	82.85		94.6	97.9	57.95	
14.0	31.6	80.5		97.2	98.8	57.45	
21.5	44.9	77.15		100.0	100.0	57.05	
43.0	67.8	69.3		0.0	0.0	92.65	850
60.1	80.2	64.3	800	2.0	5.2	91.1	
78.2	91.0	59.85		10.4	23.1	86.4	
85.3	94.8	58.2		22.7	45.1	80.6	
93.2	97.0	56.7		34.2	60.0	75.9	
98.5	99.3	55.75		42.4	67.4	73.15	
100.0	100.0	55.55		52.2	75.5	70.1	
0.0	0.0	90.55		79.0	91.0	63.2	
2.5	4.6	89.1		92.3	97.8	60.3	
5.0	12.0	87.25		96.9	98.8	59.5	
9.0	19.7	85.0		100.0	100.0	59.0	
16.9	37.2	80.8					

x	y	t	P	γ_1	γ_2
0	0.00	50	195	—	1.000
2	8.13		208	2.090	1.007
5	18.01		226	1.790	1.014
10	29.37		250	1.380	1.027
20	45.71		292.5	1.148	1.042
30	57.99		334.5	1.094	1.057
40	67.92		376	1.067	1.072
50	75.69		418.5	1.057	1.089
60	82.35		460	1.045	1.104
70	87.73		502.5	1.035	1.122
80	92.44	55	544	1.023	1.140
90	96.40		586	1.014	1.191
95	98.24		606.5	1.007	1.282
98	99.17		619	1.005	1.849
100	100.00		625	1.000	—
0	0.00		237.5	—	1.000
2	7.75		252	2.009	1.005
5	17.23		273	1.675	1.014
10	28.65		302	1.324	1.023
20	45.23		352	1.138	1.038
30	57.68		402	1.084	1.052
40	67.47		453	1.062	1.064
50	75.43		503	1.052	1.082
60	81.94		553.5	1.040	1.094

Таблица № 1347 (продолжение)

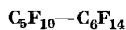
x	y	t	P	γ_1	γ_2
70	87.58	55	602.5	1.032	1.109
80	92.22		652	1.021	1.130
90	96.27		701	1.012	1.175
95	98.11		724.5	1.007	1.253
98	99.17		738	1.005	1.799
100	100.00	60	745	1.000	—
0	0.00		289.5	—	1.000
2	7.31		305.5	1.936	1.005
5	16.25		329	1.603	1.012
10	27.26		361	1.282	1.021
20	44.15		419	1.125	1.036
30	56.68		479	1.077	1.047
40	66.95		537	1.054	1.059
50	75.15		595.5	1.045	1.074
60	81.81		654.5	1.035	1.086
70	87.42		713	1.030	1.099
80	92.19		770.5	1.018	1.120
90	96.29		828	1.012	1.161
95	98.22		856.5	1.007	1.230
98	99.20		872	1.002	1.738
100	100.00	65	881.5	1.000	—
0	0.00		350	—	1.000
2	7.20		370.5	1.858	1.005
5	15.46		395	1.570	1.012
10	26.08		430	1.253	1.021
20	43.18		500	1.114	1.034
30	56.13		569.5	1.072	1.045
40	66.30		638	1.050	1.054
50	74.56		706	1.040	1.067
60	81.35		774.5	1.034	1.079
70	87.09		842.5	1.024	1.092
80	91.93		909	1.014	1.112
90	96.06		976	1.009	1.151
95	98.03		1007	1.007	1.202
98	99.20		1025	1.002	1.603
100	100.00	70	1037	1.000	—
0	0.00		445	—	1.000
2	6.96		438	1.778	1.005
5	15.31		467	1.496	1.012
10	26.13		510	1.227	1.018
20	43.07		590.5	1.102	1.032
30	55.87		672	1.064	1.040
40	66.11		752	1.045	1.050
50	74.38		832	1.034	1.052
60	81.25		912	1.030	1.072
70	86.96		992.5	1.021	1.084
80	92.01		1070	1.014	1.104
90	96.21		1149.5	1.009	1.143
95	98.16		1188.5	1.005	1.178
98	99.18		1209	1.002	1.496
100	100.00		1220	1.000	—

ПЕРФТОРЦИКЛОПЕНТАН - ПЕРФТОРПЕНТАН

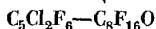


x	P	y	P	t
0.0	646.5	0.0	646.5	25
23.8	691.1	23.8	684.7	
50.6	740.5	50.6	728.0	
69.5	778.5	69.5	767.5	
100.0	833.4	100.0	833.4	
0.0	435.0	0.0	435.0	15
23.8	464.9	23.8	457.8	
50.6	503.6	50.6	493.8	
71.3	533.9	71.3	525.8	
100.0	569.6	100.0	569.6	
0.0	346.6	0.0	346.6	9.6
23.8	372.4	23.8	376.6	
50.6	402.3	50.6	396.8	
71.3	429.7	71.3	421.9	
100.0	458.3	100.0	458.3	

ПЕРФТОРЦИКЛОПЕНТАН—ПЕРФТОРГЕКСАН



x	P	y	P	t
0.0	249.2	0.0	249.2	25
25.6	383.4	25.6	271.5	
50.3	539.1	50.3	352.6	
74.7	688.0	74.7	496.4	
90.9	780.8	90.9	663.3	
100.0	833.4	100.0	833.4	15
0.0	138.5	0.0	138.5	
25.6	254.6	25.6	171.9	
50.3	369.0	50.3	224.2	
74.7	468.2	74.7	320.5	
100.0	569.6	100.0	569.6	

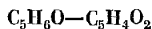
1,2-ДИХЛОРГЕКСАФТОРЦИКЛОПЕНТЕН—
ОКИСЬ ПЕРФТОРЦИКЛООКТАНА

x	y	t	P	γ_1	γ_2
0.0	0.0	102.57	760	—	1.00
7.8	14.9	100.03		1.44	1.00
12.7	23.1	98.26		1.44	1.00
19.25	32.6	96.50		1.42	1.01
26.1	39.2	95.36		1.30	1.03
36.3	48.7	93.75		1.23	1.07
45.1	56.7	92.63		1.18	1.07
51.8	62.0	91.95		1.15	1.10
56.1	65.3	91.48		1.13	1.11
61.9	69.2	91.23		1.10	1.15
68.0	72.7	90.92		1.05	1.22
74.0	77.4	90.63		1.04	1.26
77.5	79.7	90.60		1.03	1.31
81.5	82.9	90.60		1.02	1.34
85.15	85.6	90.49		1.01	1.41
87.2	87.2	90.40		1.01	1.46
88.7	88.5	90.43		1.00	1.49
89.9	89.5	90.49		1.00	1.51
91.15	90.6	90.52		1.00	1.54
93.5	92.8	90.55		1.00	1.61
97.1	96.6	90.55		1.00	1.70
98.3	98.0	90.58		1.00	1.71
100.0	100.0	90.60		1.00	—

№ 1351

2-МЕТИЛФУРАН—ФУРФУРОЛ

[608]

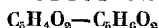


x	y	t	P	x	y	t	P
7.4	64.8	130.0	738	35.0	95.8	80.0	738
9.7	75.2	121.0		42.0	97.0	76.0	
13.4	84.4	110.0		54.2	98.0	71.0	
23.4	91.9	92.0		66.2	98.8	65.0	

№ 1352

ФУРФУРОЛ—ФУРФУРИЛОВЫЙ СПИРТ

[496]



x	y	t	P	x	y	t	P
0.0	0.0	84	25	50.3	73.8	—	25
8.5	20.3	—		78.5	91.8	—	
10.3	22.9	—		82.5	92.9	—	
17.2	37.6	—		82.8	93.7	—	
18.3	39.7	—		87.2	95.3	—	
19.4	40.3	—		93.4	97.3	—	
30.3	56.8	—		94.9	98.0	—	
31.9	58.9	—		96.5	98.1	—	
39.7	65.6	—		100.0	100.0	64	

№ 1353

[789]

ФУРФУРОЛ—
ФУРФУРИЛОВЫЙ СПИРТ
 $C_5H_4O_2-C_5H_6O_2$

x	y	t	P
0.0	0.0	85.0	25
7.9	14.7	81.1	
20.1	33.0	78.4	
32.2	47.7	76.5	
40.5	56.0	76.0	
52.1	66.4	73.2	
59.0	72.7	72.3	
71.4	82.1	70.9	
85.8	91.2	69.5	
95.3	97.3	68.8	
100.0	100.0	68.5	

№ 1354

[1027]

БЕНЗОЛ—ФУРФУРОЛ
 $C_6H_6-C_5H_4O_2$

x	y	t	P
2.99	29.0	154.7	760
12.71	68.32	130.0	
17.4	77.89	121.7	
32.74	90.2	105.7	
46.75	92.97	100.5	
61.67	95.99	94.1	
70.79	96.9	90.6	
79.45	98.04	87.1	
87.5	98.91	84.0	
92.48	99.33	82.7	

№ 1355

[1027]

ЦИКЛОГЕКСАН—ФУРФУРОЛ
 $C_6H_{12}-C_5H_4O_2$

x	y	t	P
1.0	41.71	147.9	760
11.16	89.36	99.2	
20.01	92.65	91.7	
37.9	94.89	85.8	
45.36	94.66	84.8	
48.22	95.43	84.1	
60.22	94.71	84.6	
84.35	96.26	83.0	
88.97	96.25	82.8	
95.21	97.56	81.8	

№ 1356

[1029]

ТОЛУОЛ—ФУРФУРОЛ
 $C_7H_8-C_5H_4O_2$

x	y	t	P
2.70	25.07	153.3	760
5.20	40.02	147.0	
5.86	43.74	145.2	
7.34	45.00	145.0	
17.12	63.72	135.4	
33.65	76.82	127.0	
52.76	84.26	122.7	
66.89	89.98	117.6	
77.89	93.31	115.1	
89.68	96.40	112.5	
95.36	98.30	111.3	

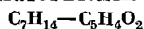
№ 1357

ТОЛУОЛ—ФУРФУРОЛ

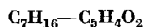
[545]

$C_7H_8-C_5H_4O_2$

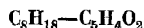
x	y	t	P	γ_1	γ_2
10	44.1	146.1	760	1.854	1.007
20	61.9	135.4		1.662	1.030
30	71.7	129.1		1.494	1.069
40	77.8	124.6		1.354	1.130
50	82.1	121.3		1.242	1.218
60	85.6	118.7		1.152	1.339
70	88.8	116.5		1.085	1.501
80	92.1	114.5		1.038	1.720
90	95.6	112.6		1.009	2.020



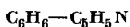
x	y	t	P	γ_1	γ_2
10	74.2	120.3	760	4.562	1.017
20	85.0	108.4		3.485	1.076
30	86.6	104.3		2.645	1.187
40	87.4	103.1		2.065	1.362
50	87.5	102.9		1.663	1.628
60	87.7	102.8		1.390	2.034
70	88.1	102.5		1.207	2.660
80	89.4	101.9		1.087	3.640
90	92.5	101.1		1.022	5.223



x	y	t	P	γ_1	γ_2
10	78.4	114.0	760	5.262	1.019
20	86.8	102.3		3.960	1.082
30	88.6	98.7		2.939	1.201
40	89.1	98.3		2.236	1.393
50	88.8	98.7		1.762	1.690
60	88.5	99.2		1.445	2.158
70	88.4	99.2		1.235	2.897
80	89.2	98.9		1.100	4.103
90	92.1	98.4		1.024	6.152

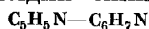


x	y	t	P	x	y	t	P
4.40	69.00	126.8	760	51.18	89.65	101.7	760
16.35	85.91	106.4		64.06	89.71	101.9	
24.68	88.51	102.2		77.98	90.55	99.8	
27.95	89.04	103.5		90.36	93.64	99.1	
37.20	89.89	102.2		96.57	96.13	99.0	



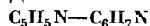
x	y	t	P	γ_1	γ_2
12.6	29.7	107.6	755	1.08	1.01
39.7	65.8	95.6	755	1.04	1.04
72.3	87.7	86.1	754	1.01	1.13
78.4	90.6	85.3	764	1.00	1.15
84.9	93.6	83.1	751	1.00	1.19
90.5	96.0	82.8	760	0.98	1.22

ПИРИДИН—АНИЛИН

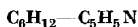


x	y	t	P
0	0.0	183.7	760
10	39.0	173.2	
20	66.8	163.6	
30	83.0	154.3	
40	92.0	145.5	
50	95.5	138.7	
60	97.2	132.4	
70	98.3	126.6	
80	98.8	122.0	
90	99.3	117.8	
100	100.0	115.4	

ПИРИДИН—2-ПИКОЛИН



x	y	t	P
0.0	0.0	129.42	760
2.7	4.6	128.84	
10.0	14.8	127.36	
18.0	24.9	125.98	
29.9	38.4	124.20	
40.3	49.0	122.79	
50.0	58.0	121.37	
60.0	66.6	120.09	
64.7	70.7	119.46	
74.8	79.2	118.04	
84.5	87.1	116.98	
94.0	95.0	115.85	
100.0	100.0	115.25	

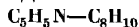


x	y	t	P	γ_1	γ_2
0	0	115.3	760	—	1.00
10	38.0	102.0		2.10	1.01
20	55.5	94.8		1.84	1.03
30	64.5	90.8		1.625	1.075
40	71.0	88.0		1.45	1.14
50	78.5	86.0		1.31	1.25
60	80.0	84.2		1.20	1.38
70	83.2	82.8		1.11	1.58
80	86.6	81.8		1.05	1.88
90	92.0	81.1		1.015	2.32
95	96.0	81.0		1.005	2.63
97.5	98.0	80.8		1.002	2.90
100	100.0	80.7		1.000	—

№ 1365

ПИРИДИН—КСИЛОЛ

[1060]

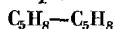


x	y	z	P	γ_1	γ_2
2.5	6.3	137.1	757	1.38	0.99
8.9	19.0	133.7	760	1.28	1.02
12.4	24.4	132.9	760	1.19	1.01
32.5	50.3	125.7	753	1.11	1.06
44.2	61.0	123.1	753	1.10	1.08
63.5	75.6	119.7	753	1.04	1.13
85.9	90.8	116.9	759	1.01	1.20
91.6	94.2	116.3	758	1.00	1.28

№ 1366

ИЗОПРЕН—*транс*-ПИПЕРИЛЕН

[266]

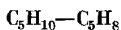


x	y	t	P	γ_1	γ_2
22.50	30.68	41.20	760	1.060	1.070
29.80	39.65	40.29		1.055	1.025
33.45	44.25	38.94		1.060	1.030
62.10	71.75	37.94		1.020	0.996
81.85	87.35	35.58		1.005	0.966
85.60	90.14	35.38		1.000	0.955
94.70	96.52	34.78		0.993	0.954
98.44	98.96	34.40		0.987	0.954
98.70	99.14	34.10		0.994	0.962
99.34	99.58	34.00		0.992	0.924

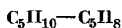
№ 1367

ИЗОПРОПИЛЭТИЛЕН—ИЗОПРЕН

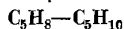
[185]



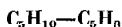
x	y	t	P	x	y	t	P
0.0	0.0	34.10	760	50.0	62.0	—	760
10.0	16.05	—		60.0	70.7	—	
20.0	29.6	—		68.7	—	23.47	
22.1	—	30.33		70.0	78.5	—	
30.0	41.7	—		80.0	86.2	—	
36.7	—	27.80		90.0	93.2	—	
40.0	52.4	—		100.0	100.0	20.09	



x	y	t	P	γ_1	γ_2
5.97	11.3	32.20	760	1.251	0.973
13.4	22.1	31.00		1.152	0.960
31.6	45.7	28.53		1.100	0.948
49.2	64.1	26.14		1.071	0.923
60.0	73.0	24.65		1.045	0.927
65.5	77.7	24.00		1.029	0.920
76.9	85.7	22.90		1.001	0.915
80.4	88.3	22.30		1.011	0.906
91.4	95.1	21.40		1.006	0.893



x	y	t	P	γ_1	γ_2
5.98	8.23	38.07	760	1.022	1.022
11.87	14.92	37.50		1.047	1.000
19.25	22.5	37.20		1.020	1.010
35.6	40.6	36.30		1.000	1.001
45.5	50.0	35.93		1.003	1.003
61.25	65.5	35.20		0.994	1.023
70.0	72.8	34.85		1.007	1.070
80.4	82.7	34.53		1.001	1.015
88.3	89.8	34.28		1.005	1.010
93.2	94.2	34.18		1.005	0.993



x	y	t	P	γ_1	γ_2
5.66	7.26	33.96	760	1.240	0.980
12.3	15.1	33.50		1.200	0.973
16.9	20.3	33.30		1.190	0.964
22.6	26.6	33.10		1.169	0.964
31.6	35.9	32.70		1.130	0.958
42.6	47.3	32.40		1.065	0.950
62.6	68.6	32.00		1.095	0.910
77.6	80.9	31.85		1.030	0.930
86.7	89.3	31.70		1.035	0.876
91.4	93.1	31.60		1.010	0.868

№ 1371

[486]

МЕТИЛЭТИЛЭТИЛЕН
(2-МЕТИЛБУТИЛЕН-4) —
ИЗОПРЕН
 $C_5H_{10}-C_5H_8$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
7.0	7.6	33.1	740.4
25.2	27.4	32.95	
45.1	47.2	32.2	
51.8	54.1	31.95	
89.5	90.2	30.8	

№ 1372

[486]

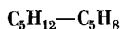
ИЗОПРЕН —
ТРИМЕТИЛЭТИЛЕН-
(2-МЕТИЛБУТИЛЕН-2)
 $C_5H_8-C_5H_{10}$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
3.4	4.3	37.85	747.5
26.8	28.3	36.55	
46.6	50.3	35.6	
64.5	68.6	34.75	
99.5	99.52	33.6	

№ 1373

ИЗОПЕНТАН ИЗОПРЕН

[185]

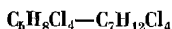


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	34.10	760	54.4	—	29.35	760
10.0	13.49	—		60.0	64.3	—	
17.5	—	31.95		70.0	72.9	—	
20.0	25.4	—		73.3	—	28.45	
30.0	35.1	—		80.0	81.8	—	
37.4	—	30.33		90.0	90.6	—	
40.0	45.9	—		100.0	100.0	27.88	
50.0	55.5	—					

№ 1374

ТЕТРАХЛОРПЕНТАН—ТЕТРАХЛОРГЕНТАН

[196]



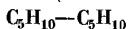
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
20.0	61.6	121.4	14	59.4	89.0	139.8	50
41.5	82.4	114.6		70.0	94.1	135.5	
53.6	89.4	112.0		76.4	95.5	133.5	
60.1	91.8	110.0		22.0	57.1	172.2	100
67.3	94.6	108.0		42.6	77.6	164.4	
73.2	97.0	106.0	50	54.4	85.6	161.5	
21.2	58.9	152.0		58.5	87.2	160.5	
41.0	79.4	144.6		71.0	92.1	154.6	
51.8	86.0	142.5		76.9	94.6	152.8	

№ 1375

[486]

МЕТИЛЭТИЛЭТИЛЕН (2-МЕТИЛБУТИЛЕН-1)–

ТРИМЕТИЛЭТИЛЕН (2-МЕТИЛБУТИЛЕН-2)

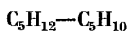


x	y	t	P
30.0	39.5	35.65	743
34.0	45.5	34.7	
61.3	62.9	32.6	

№ 1376

ИЗОПЕНТАН–ТРИМЕТИЛЭТИЛЕН

[185]

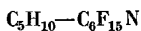


x	y	t	P	x	y	t	P
0.0	0.0	38.45	760	50.0	59.1	—	760
10.0	14.65	—		58.0	—	31.26	
18.4	—	35.65		60.0	67.9	—	
20.0	27.4	—		70.0	76.5	—	
27.5	—	34.65		77.6	—	29.38	
30.0	39.0	—		80.0	84.4	—	
37.9	—	33.30		90.0	92.3	—	
40.0	49.5	—		100.0	100.0	27.88	

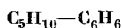
№ 1377

ТРИМЕТИЛЭТИЛЕН–ПЕРФТОРТРИЭТИЛАМИН

[193]

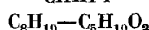


x	y	t	P	γ_1	γ_2
10	56.6	49.2	760	3.98	1.02
20	67.9	43.2		2.83	1.08
30	73.2	40.4		2.31	1.16
40	77.0	38.1		1.94	1.28
50	79.9	36.5		1.67	1.43
60	82.9	35.5		1.52	1.59
70	84.5	35.0		1.36	1.96
80	85.5	34.9		1.22	2.74
90	85.8	35.3		1.08	5.34



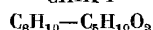
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	80.1	760	41.2	66.4	60.9	760
0.6	2.2	79.7		44.1	68.7	60.15	
1.7	5.6	78.8		47.3	71.2	59.25	
3.2	9.9	77.9		50.75	73.5	58.5	
5.0	14.7	76.65		56.5	77.3	57.0	
7.2	20.5	75.05		61.5	80.2	56.2	
9.8	26.2	73.55		65.25	82.3	55.5	
12.4	31.25	72.05		72.0	85.5	54.3	
14.75	35.5	70.75		75.7	87.6	53.6	
16.9	39.3	69.9		79.0	89.6	53.0	
21.0	45.0	68.05		81.8	91.0	52.3	
27.0	52.9	65.6		85.8	92.8	51.7	
27.9	53.8	65.2		88.8	94.4	51.1	
29.0	55.2	64.85		91.8	95.8	50.6	
30.9	56.8	64.1		94.5	97.25	50.2	
33.9	59.8	63.1		97.8	99.0	49.6	
37.5	63.3	61.9		100.0	100.0	49.25	

m-КСИЛОЛ—

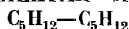
ТЕТРАГИДРОФУРФУРИЛОВЫЙ
СПИРТ

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
7.7	30.3	169	745
15.0	59.6	158	
31.0	72.7	151	
48.4	79.8	145	
67.0	85.5	141.8	
85.0	92.4	139.5	

n-КСИЛОЛ—ТЕТРА-

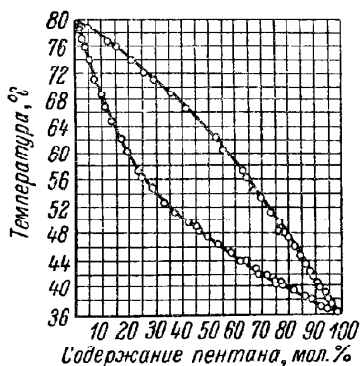
ГИДРОФУРФУРИЛОВЫЙ
СПИРТ

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
4.5	19.8	169.5	746
17.7	58.7	158.8	
21.2	65.8	151.1	
46.4	77.0	144.0	
63.3	80.0	141.2	
80.0	86.4	139.0	



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i> , атм
2.15	7.5	62.8	2.31
2.3	7.85	62.2	
34.65	66.3	58.3	
93.55	98.25	55.3	5.03
2.65	7.0	92.8	
36.8	62.4	88.9	
93.15	97.55	85.0	
2.95	6.55	111.7	7.75
3.15	6.85	111.1	
34.2	55.9	107.8	
91.15	96.4	103.3	

x	y	t	P	V_1	V_2
10	60.6	46.8	760	3.3	1.02
20	75.3	37.1		2.76	1.07
30	80.1	33.2		2.23	1.13
40	83.8	30.6		1.9	1.24
50	86.3	28.6		1.68	1.37
60	87.0	27.7		1.45	1.65
70	88.5	27.2		1.3	2.01
80	90.0	26.7		1.18	2.72
90	91.3	26.6		1.08	4.17



x	y	t	P	x	y	t	P
0.0	0.0	80.75	760	10.7	33.9	70.8	760
0.8	3.5	79.9		13.5	39.3	69.05	
2.1	9.3	78.4		15.45	43.25	67.55	
3.5	13.7	77.2		17.9	47.35	65.95	
6.2	21.4	74.75		20.0	51.3	64.6	
8.25	27.15	73.0		22.1	54.0	63.65	

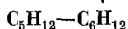
Таблица № 1384 (продолжение)

x	y	t	P	x	y	t	P
22.7	55.3	63.0	760	55.8	83.55	48.3	760
25.4	58.6	61.45		59.5	86.0	46.95	
27.7	61.55	60.2		63.6	87.5	45.7	
31.2	65.4	58.5		66.45	88.85	44.7	
34.5	68.8	56.7		73.0	91.7	42.9	
37.7	71.35	55.3		78.0	93.5	41.5	
40.75	74.2	53.95		83.55	95.2	39.95	
45.3	77.75	52.05		87.6	96.35	39.0	
52.8	82.1	49.25		100.0	100.0	36.05	

№ 1385

ПЕНТАН—МЕТИЛЦИКЛОПЕНТАН

[788]

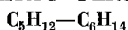


x	y	t	P	x	y	t	P
0.0	0.0	71.80	760	37.5	64.8	53.25	760
1.9	5.8	70.40		40.0	66.9	52.35	
3.7	10.85	69.40		41.75	68.45	51.80	
5.6	15.3	68.25		41.6	71.15	50.70	
6.8	17.2	67.75		47.3	73.0	49.80	
7.2	19.2	67.10		49.8	75.7	48.90	
8.5	20.5	66.95		53.45	78.1	47.70	
9.9	25.6	65.60		53.8	78.3	47.60	
12.6	30.15	64.20		55.1	78.9	47.20	
14.3	33.7	63.40		59.1	81.8	46.10	
18.8	41.75	61.00		62.4	83.8	44.75	
20.1	43.3	60.50		66.2	85.4	43.90	
21.1	45.4	59.80		69.2	86.9	43.10	
22.6	47.15	59.45		75.5	90.0	41.70	
23.8	47.85	59.15		75.8	90.45	41.50	
24.8	49.8	58.50		80.25	92.55	40.40	
27.05	53.05	57.25		84.0	93.85	39.55	
27.45	53.6	57.10		87.4	95.35	38.75	
30.75	57.6	55.80		89.3	96.15	38.30	
32.05	59.3	55.30		89.85	96.5	37.9	
33.05	60.6	54.80		95.75	98.5	37.2	
34.4	61.4	54.35		99.0	99.6	36.2	
36.7	64.45	53.50		100.0	100.0	36.05	

№ 1386

ПЕНТАН—ГЕКСАН

[1025]



x	y	t	P	x	y	t	P
0.0	0.0	68.2	750	15.5	31.2	61.1	750
8.8	18.8	64.2		19.9	38.0	59.3	
10.8	23.1	63.1		24.5	45.8	56.8	

Таблица № 1386 (продолжение)

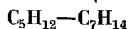
x	y	t	P	x	y	t	P
31.0	53.9	54.5	750	65.8	83.3	43.6	750
40.0	65.0	51.0		74.7	89.7	41.2	
52.2	75.0	47.5		100.0	100.0	35.6	

Примечание. Данные рассчитаны по графику, приведенному в статье.

№ 1387

ПЕНТАН—МЕТИЛЦИКЛОГЕКСАН

[788]

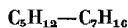


x	y	t	P	x	y	t	P
0.0	0.0	100.95	760	31.3	77.2	64.7	760
1.15	7.6	98.40		33.7	79.6	63.30	
2.00	12.6	97.00		36.3	80.7	61.20	
2.75	14.85	96.15		39.4	83.7	60.30	
5.05	23.5	92.25		41.2	84.2	59.00	
6.5	31.8	89.75		42.3	85.2	58.25	
6.5	31.45	89.75		42.6	85.0	58.00	
7.5	33.6	88.85		46.6	86.7	56.70	
9.3	41.8	85.55		49.2	88.6	54.50	
10.2	40.8	86.15		52.3	89.8	53.25	
10.6	44.3	84.65		54.0	90.3	52.35	
10.7	42.8	85.10		55.0	90.5	52.00	
11.0	43.5	84.60		55.8	91.2	51.65	
11.0	44.4	83.30		61.0	92.0	49.40	
11.3	45.5	84.05		63.2	93.1	48.20	
12.3	48.5	82.60		66.9	94.3	46.60	
15.2	55.6	78.75		70.2	95.1	45.30	
15.8	56.2	78.35		74.8	96.0	43.95	
16.2	58.3	77.15		78.8	96.8	42.80	
19.5	62.8	74.40		85.1	97.7	41.00	
21.8	66.9	72.20		88.3	98.3	39.70	
24.5	70.3	70.00		91.7	99.0	38.70	
27.3	72.5	68.20		95.1	99.2	37.65	
28.2	73.8	67.35		100.0	100.0	36.05	
30.2	75.3	65.8					

№ 1388

ПЕНТАН—ГЕПТАН

[464]



x	y	t	P , ата	x	y	t	P , ата
10.0	23.6	190.8	10	50.0	74.5	154.6	10
20.0	40.8	180.2		60.0	81.8	147.7	
30.0	54.5	170.7		70.0	87.5	141.6	
40.0	65.6	162.2		80.0	92.3	136.6	

Таблица № 1388 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
90.0	96.4	130.9	10	90.0	95.1	171.0	20
10.0	16.9	235.9	20	25.5	25.5	253.5	30.2
20.0	32.0	226.1		30.0	33.1	248.8	
30.0	45.6	216.8		40.0	45.7	239.5	
40.0	57.6	208.1		50.0	57.3	230.7	
50.0	68.0	199.7		60.0	67.6	222.3	
60.0	76.5	191.9		70.0	77.0	214.1	
70.0	83.5	184.6		80.0	85.3	206.3	
80.0	89.7	177.7		90.0	93.5	198.6	

№ 1389

[581]

АКТИВНЫЙ АМИЛОВЫЙ СПИРТ—ИЗОАМИЛОВЫЙ СПИРТ
 $C_5H_{12}O-C_5H_{12}O$

x	y	t	P	x	y	t	P
8.18	8.73	Нет данных	760	51.44	53.28	Нет данных	760
9.76	10.28			55.40	57.58		
13.64	14.69			57.41	59.41		
16.58	17.41			61.38	63.39		
21.25	22.48			67.63	69.39		
27.40	29.12			74.88	76.29		
31.43	33.31			78.83	80.20		
34.83	36.43			84.49	85.32		
37.15	38.95			87.95	88.62		
42.37	44.43			93.75	94.26		
47.88	49.63			98.58	98.67		

№ 1390

[811]

АКТИВНЫЙ АМИЛОВЫЙ СПИРТ—ИЗОАМИЛОВЫЙ СПИРТ
 $C_5H_{12}O-C_5H_{12}O$

x	y	t	P	x	y	t	P
4.17	4.49	131.5	760	23.00	24.42	130.1	760
4.20	4.54	131.6		25.24	26.61	130.0	
9.11	9.80	131.1		26.03	27.57	129.8	
9.22	9.93	131.0		28.96	30.72	129.7	
10.96	11.83	131.0		30.46	32.26	129.8	
12.28	13.08	130.9		35.03	36.97	129.6	
16.08	17.14	130.6		37.22	39.26	129.4	
17.39	18.73	130.5		39.29	41.38	129.5	
19.83	21.13	130.3		42.14	44.19	129.4	
21.34	22.83	130.2		42.18	44.29	129.3	

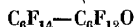
Таблица № 1390 (продолжение)

x	y	t	P	x	y	t	P
44.38	46.45	129.3	760	64.10	65.76	128.7	760
46.71	48.77	129.2		64.68	66.44	128.6	
47.88	50.06	129.3		66.47	68.05	128.6	
50.79	52.78	129.3		69.00	70.75	128.6	
50.06	52.99	129.2		69.67	71.35	128.6	
55.88	57.80	129.0		74.78	76.24	128.2	
57.46	59.14	128.8		75.40	76.69	128.5	
61.84	63.46	128.7		78.16	79.39	—	
61.95	63.68	128.7		82.94	83.99	128.2	
63.92	65.76	128.7					

№ 1391

[800]

ПЕРФТОРГЕКСАН—ПЕРФТОРЦИКЛОПРОПИЛОВЫЙ ЭФИР

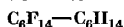


x	P	y	P	t	x	P	y	P	t
0.0	219.2	0.0	219.2	25	75.4	235.7	75.4	234.1	25
15.5	224.4	15.5	222.7		84.6	238.0	84.6	236.3	
20.5	228.0	20.5	225.2		87.1	238.7	87.1	236.8	
54.5	233.2	54.5	230.1		100.0	240.8	100.0	240.8	
74.3	235.5	74.3	234.0						

№ 1392

[495]

ПЕРФТОРГЕКСАН—ГЕКСАН

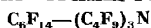


x	y	t	P	x	y	t	P
0.00	0.00	25	151.2	4.52	41.18	35	377.1
5.12	45.43		269.7	7.79	48.05		425.0
9.90	53.25		307.3	11.52	50.47		450.4
18.31	54.76		319.4	23.95	54.68		473.3
28.00	55.43		322.5	36.77	55.99		477.9
37.29	55.27		323.0	54.52	56.23		478.5
38.88	55.79		323.3	62.62	57.06		478.9
54.64	55.83		324.7	70.80	59.36		474.8
71.43	58.13		321.5	79.45	62.62		465.7
79.05	60.63		316.7	86.80	68.61		443.5
85.92	65.36	35	302.9	95.77	83.22	45	386.0
94.97	80.64		261.4	100.00	100.00		335.1
100.00	100.00		220.3	0.00	0.00		337.7
0.00	0.00		229.5	3.72	34.71		507.3
4.36	40.82		373.4	5.02	39.63		541.8

Таблица № 1392 (продолжение)

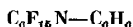
x	y	t	P	x	y	t	P
14.78	52.06	45	652.3	70.88	60.24	45	682.9
25.42	53.73		677.5	78.06	62.42		670.8
33.92	54.80		683.1	79.73	62.82		665.2
34.15	55.04		682.7	80.80	63.61		661.8
54.24	56.66		687.8	88.15	71.15		628.0
65.36	58.73		688.7	95.97	85.92		555.0
65.60	58.13		686.2	100.00	100.00		493.4

№ 1393 ПЕРФТОРГЕКСАН—ТРИПЕРФТОРБУТИЛАМИН [800]



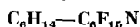
На основании определения упругости пара растворов различной концентрации при 25° установлено, что система подчиняется закону Рауля.

№ 1394 ПЕРФТОРТРИЭТИЛАМИН—БЕНЗОЛ [193]

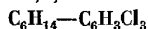


x	y	t	P	γ_1	γ_2
10	43.7	57.5	760	6.86	1.03
20	59.1	57.1		4.71	1.1
30	60.5	56.8		3.25	1.25
40	61.8	56.8		2.49	1.43
50	63.6	56.8		2.05	1.71
60	64.6	57.2		1.71	2.14
70	65.8	57.8		1.46	2.85
80	65.4	59.1		1.21	4.97
90	66.0	61.4		1.0	12.5

№ 1395 ГЕКСАН—ПЕРФТОРТРИЭТИЛАМИН [193]

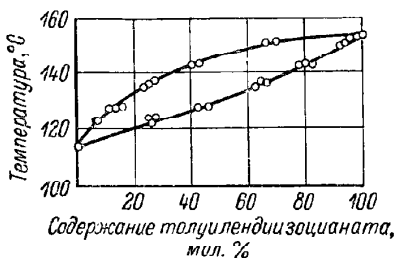
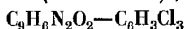


x	y	t	P	γ_1	γ_2
10	29.0	62.5	760	3.52	1.04
20	43.3	58.6		3.03	1.07
30	52.2	56.3		2.63	1.12
40	57.6	55.1		2.24	1.22
50	62.1	54.5		2.01	1.33
60	64.2	54.5		1.77	1.57
70	67.4	54.6		1.59	1.9
80	69.9	55.1		1.44	2.58
90	69.6	57.0		1.21	4.83



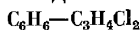
x	y	t	P	γ_1	γ_2
0	0	10	0.27	—	1.000
1	89.53		2.57	3.079	1.000
2	94.63		4.84	3.059	1.000
3	96.33		7.07	3.034	1.000
4	97.19		9.25	3.004	1.001
5	97.71		11.36	2.967	1.002
6	98.34		13.39	2.925	1.003
8	98.54		17.1	2.814	1.004
10	98.82		20.38	2.688	1.01
12	99.01		23.26	2.561	1.015
14	99.07	30	25.8	2.438	1.022
16	99.18		28.06	2.322	1.032
20	99.28		31.94	2.116	1.051
25	99.42		36.45	1.919	1.084
30	99.47		39.85	1.763	1.117
35	99.53		43.05	1.633	1.158
40	99.58		45.8	1.521	1.21
50	99.66		50.4	1.339	1.343
60	99.72		54.4	1.205	1.53
70	99.78		58.6	1.114	1.768
80	99.84	30	63.3	1.053	2.11
90	99.88		68.7	1.016	2.564
100	100.0		75.1	1.000	—
0	0	30	0.82	—	1.000
1	86.78		6.08	2.860	1.000
2	93.25		11.24	2.831	1.000
3	95.12		16.27	2.798	1.000
4	96.3		21.16	2.763	1.001
6	97.49		30.42	2.679	1.003
8	98.04		38.68	2.560	1.006
10	98.36		45.6	2.430	1.013
12	98.6		51.72	2.301	1.020
16	98.88		62.82	2.101	1.035
20	99.05	30	72.26	1.936	1.053
25	99.2		82.66	1.773	1.080
30	99.32		91.91	1.644	1.110
35	99.39		100.31	1.539	1.147
40	99.46		107.98	1.450	1.188
50	99.56		121.48	1.306	1.296
60	99.64		133.1	1.192	1.447
70	99.7		144.1	1.107	1.664
80	99.8		156.0	1.048	1.955
90	99.89		170.0	1.014	2.360
100	100		185.9	1.000	—

2,4-ТОЛУИЛЕНДИИЗОЦИНАТ—1,2,4-ТРИХЛОРБЕНЗОЛ


 $P=40 \text{ мм}$

№ 1398

[752]

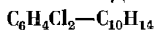
БЕНЗОЛ—*n*-ДИХЛОРБЕНЗОЛ

x	y	t	P
0.00	0.00	70	21.6
19.57	81.80		100.9
38.38	92.95		202.0
49.11	95.28		259.8
63.92	97.28		339.1
76.94	98.64		415.6
78.77	98.75		425.4
88.81	99.40		481.4
95.17	99.76		515.1
98.29	99.90		533.4

№ 1399

o-ДИХЛОРБЕНЗОЛ—ДИЭТИЛБЕНЗОЛ

[378]



x	y	t	P	x	y	t	P
2.90	3.25	Нет	50	32.53	34.65	Нет	50
4.73	6.33	данных		32.73	36.00	данных	
5.40	6.90			39.67	42.37		
8.55	9.80			47.70	51.20		
10.33	11.20			48.07	49.97		
17.05	18.05			54.08	56.90		
21.83	24.17			62.60	64.02		
28.50	31.15			71.10	73.10		

Таблица № 1399 (продолжение)

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
75.87	77.05	Нет данных	50	39.48	42.74	Нет данных	10
82.77	83.00			40.05	42.93		
91.07	92.40			49.97	53.28		
97.38	97.70			50.90	54.30		
2.89	3.24		10	59.87	61.68		
5.19	6.54			60.40	63.17		
7.13	8.55			70.26	73.02		
10.33	11.60			79.95	81.84		
15.16	18.54			80.23	81.58		
20.55	23.10			90.04	91.00		
20.98	24.60			91.20	91.88		
28.90	32.60			95.03	95.45		
30.14	34.12			97.23	97.67		

№ 1400

БЕНЗОЛ—НИТРОБЕНЗОЛ
 $C_6H_6-C_6H_5NO_2$

[752]

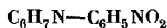
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	70	5.1	76.10	99.58	70	423.7
16.19	94.13		77.3	79.99	99.64		444.8
18.66	95.20		99.6	87.20	99.83		483.6
32.68	97.82		181.4	93.47	99.88		510.5
38.62	98.43		223.5	94.90	99.94		517.6
54.23	99.03		308.1	96.84	99.94		528.7

№ 1401

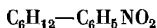
БЕНЗОЛ—НИТРОБЕНЗОЛ
 $C_6H_6-C_6H_5NO_2$

[944]

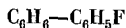
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	25	0.5	64.3	99.364	25	66.4
16.0	99.044		19.9	72.4	99.810		73.2
25.1	99.108		29.3	75.5	99.810		74.7
30.4	99.173		35.6	76.4	99.810		74.9
35.3	99.173		41.3	77.1	99.810		75.7
45.7	99.236		48.9	77.6	99.810		77.6
49.9	99.364		53.4	91.06	99.874		88.7
54.8	99.364		56.5	91.55	99.874		88.6
59.3	99.364		60.9	100.0	100.0		96.1



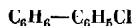
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	120	54.4	5.68	13.60	97.5	20
6.66	14.60		55.3	7.20	15.40	97.2	
11.00	23.40		57.2	10.36	20.60	96.5	
17.20	34.42		61.0	16.08	28.74	95.0	
25.12	44.28		65.0	21.70	40.00	93.6	
30.50	52.06		68.0	27.16	42.40	92.7	
34.00	55.40		70.4	32.40	53.30	92.0	
36.60	57.00		71.9	33.08	54.00	91.6	
38.80	60.52		72.9	38.32	61.40	90.5	
42.42	62.50		74.0	42.70	62.40	89.7	
49.32	68.48		79.0	46.30	68.40	89.3	
53.62	71.60		81.2	52.82	69.20	88.8	
56.78	74.00		84.1	56.00	73.18	88.0	
63.43	80.12		86.2	59.60	75.68	87.5	
69.86	83.66		88.7	61.98	76.80	87.3	
72.70	87.00		91.2	67.04	79.98	87.0	
79.20	88.08		93.8	70.38	82.30	86.4	
83.64	91.10		96.7	76.92	86.40	86.0	
88.32	94.00		97.5	81.74	89.70	85.0	
92.92	95.10		99.7	87.28	92.14	84.7	
95.70	97.62		102.3	92.76	96.38	84.2	
100.00	100.00		103.5	95.80	98.40	83.5	
0.00	0.00	99.0	20	97.76	98.80	83.4	
1.56	3.18	98.7		100.00	100.00	83.0	



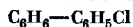
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
14.5	97.3	80	322.6	68.6	98.5	80	630.3
44.0	98.5		556.2	77.3	98.3		654.1
49.0	98.5		573.1	89.1	99.1		689.9
57.3	98.5		600.3				



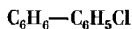
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
9	10	83.5	755	63	66	80.83	755
22	24	82.87		89.5	91	79.8	
25	29	82.42		90	92	79.77	
31	37	82.1		97	98	79.45	
54	57	81.2		100	100	79.35	
59	63	80.99					



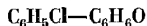
x	y	t	P	x	y	t	P
0.00	0.00	70	99.3	49.48	83.22	70	315.5
6.80	24.17		126.1	58.62	86.75		347.2
7.87	27.34		128.8	60.62	88.48		367.4
16.28	48.60		166.9	77.46	93.96		435.0
18.39	50.35		169.7	88.85	97.34		493.5
27.28	63.22		206.7	95.03	98.93		525.2
37.58	73.95		251.3	97.15	99.33		535.2



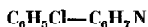
x	y	t	P	V_1	V_2
5.54	34.62	26	17.78	1.109	0.994
11.68	53.82		23.86	1.104	1.006
21.96	71.11		33.67	1.093	1.006
32.49	80.21		43.32	1.072	1.025
43.04	86.51		52.90	1.065	1.007
53.08	90.35		62.09	1.059	1.025
62.81	93.20		70.14	1.043	1.024
72.27	95.35		78.20	1.033	1.053
81.54	96.84		86.18	1.025	1.178
90.42	98.34		91.28	0.994	1.246
95.08	99.12		95.07	0.992	1.391



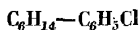
x	y	t	P	x	y	t	P
5.3	17.4	126.4	760	59.1	86.0	93.9	760
10.4	31.1	121.8		68.4	90.4	90.3	
19.2	48.0	115.1		70.3	91.2	89.5	
29.5	62.8	108.2		78.6	94.2	86.7	
29.6	62.9	108.2		80.4	95.0	86.1	
39.9	73.1	102.7		88.4	97.1	83.5	
51.4	81.6	97.1					



x	y	t	P	x	y	t	P
4.2	29.90	172.2	762.3	32.9	90.44	80.8	100
4.2	32.98	157.2	505	32.9	94.11	62.6	61
4.2	33.55	149.2	403	32.9	96.53	42.0	21
4.2	41.19	126.8	199	45.5	87.49	143.0	795
4.2	45.49	107.0	97	45.5	88.88	126.3	507
4.2	53.98	88.6	49	45.5	88.61	118.0	403
4.2	51.74	62.2	15	45.5	90.78	99.4	225
5.9	40.67	170.2	769.6	45.5	93.32	84.0	131
5.9	44.38	154.2	510	45.5	93.57	59.8	53
5.9	46.29	144.4	392	45.5	96.63	45.5	30
5.9	44.82	125.6	213	60.8	90.96	140.0	789
5.9	51.35	107.0	112	60.8	92.44	122.5	505
5.9	61.65	88.0	53	60.8	92.57	114.8	401
5.9	71.17	64.6	20	60.8	94.19	94.8	213
14.6	63.61	160.6	785	60.8	95.84	76.4	112
14.6	71.00	142.0	506	60.8	97.09	55.8	49
14.6	68.09	134.2	402	60.8	97.38	42.6	28
14.6	70.54	113.4	202	84.8	94.46	135.5	784.6
14.6	75.12	93.1	98	84.8	94.46	136.6	760.5
14.6	79.35	75.2	61	84.8	96.01	118.6	496
14.6	87.90	51.1	28	84.8	95.14	112.5	401
32.9	80.50	148.0	783	84.8	96.45	90.5	203
32.9	84.15	130.8	515	84.8	97.28	74.2	113
32.9	84.87	123.8	415	84.8	98.08	56.8	65
32.9	88.80	100.2	208	84.8	98.56	29.6	26



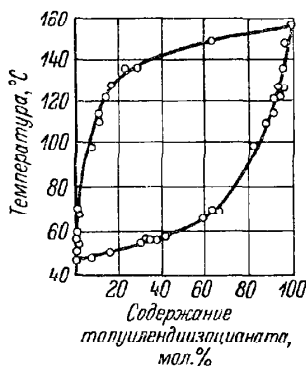
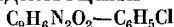
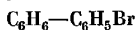
x	y	t	P	x	y	t	P
1.0	9.0	120.0	95	32.4	79.6	106.7	190
1.8	16.2	118.9		39.4	83.2	103.3	
10.4	51.9	103.3		74.4	96.6	93.3	
20.2	68.0	97.8		86.0	96.2	91.9	
31.0	78.8	90.2		87.6	96.2	91.4	
43.8	85.1	84.2		90.0	93.4	91.7	
45.0	85.1	82.8		0.44	9.5	156.7	380
74.5	93.4	75.3		1.4	20.0	155.6	
87.6	96.1	—		7.68	47.0	143.3	
88.0	96.1	73.1		16.1	64.6	131.7	
90.9	96.8	73.3		22.0	71.6	130.5	
93.9	98.2	73.4		39.2	84.0	119.4	
94.4	98.4	73.3		45.2	86.2	119.4	
0.7	9.5	—	190	73.6	93.3	111.7	
1.5	17.6	137.8		86.0	96.1	109.4	
9.44	50.5	123.7		87.7	96.0	—	
16.7	65.0	112.2		90.6	96.7	108.9	



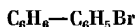
x	y	t	P	x	y	t	P
8.3	54.4	65	166.4	10.9	49.1	111.53	760
14.4	67.9		222.3	14.6	57.7	106.62	
20.1	74.4		264.1	20.0	66.6	101.04	
28.4	80.3		319.7	30.9	76.9	92.70	
39.4	85.2		382.3	41.9	83.5	86.84	
43.8	86.6		403.9	51.6	87.2	82.66	
48.5	88.2		428.3	59.1	89.6	80.19	
54.0	89.6		453.8	59.3	89.6	80.13	
59.1	91.0		477.9	59.4	89.6	80.17	
67.9	92.9		516.3	64.4	91.2	78.31	
80.6	95.7		578.0	73.7	93.4	75.70	
92.7	98.4		638.4	79.0	95.0	74.17	
1.8	11.8	127.56	760	79.3	95.0	74.14	
4.9	28.2			84.7	96.5	72.72	
8.1	40.6						
		115.66					



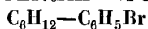
x	y	t	P	x	y	t	P
0.0	0.0	Нет данных	760	100.0	100.0	Нет данных	760
6.0	6.7			33.3	35.9		
10.6	11.5			49.7	52.5		
17.6	19.1			82.4	84.0		
22.1	24.0			0.0	0.0		20
27.3	29.1			10.7	11.8		
32.6	34.8			15.0	16.5		
37.8	39.9			21.0	22.6		
43.2	45.7			28.5	31.1		
46.1	46.0			35.9	38.8		
51.5	53.9			43.9	46.8		
55.0	57.4			51.4	54.3		
59.4	61.8			54.6	57.4		
65.8	67.8			58.4	61.1		
69.6	71.6			65.9	68.5		
73.6	75.6			72.6	74.9		
77.7	79.3			81.7	83.3		
82.0	83.3			87.7	88.8		
86.4	87.4			92.1	93.0		
89.5	90.4			100.0	100.0		
92.1	92.7						


 $P=40 \text{ мм}$


x	y	t	P	x	y	t	P
0.00	0.00	70	43.0	53.85	92.48	70	296.8
4.35	32.79		62.9	60.87	94.29		338.8
5.81	38.63		68.6	63.10	94.63		349.7
15.76	67.61		115.9	71.61	96.49		401.9
25.93	80.51		166.5	89.39	98.60		481.4
38.35	87.08		214.2	93.96	99.32		514.4
38.56	87.17		223.3	97.37	99.65		533.3



x	y	t	P	x	y	t	P
0.000	0.000	80.0	66.17	51.455	91.901	80.0	418.88
8.562	51.132		124.64	54.248	92.680		436.28
13.785	64.197		161.19	64.518	95.023		508.43
20.963	74.686		210.22	74.431	96.804		577.00
30.164	82.592		272.73	84.947	96.856		580.06
41.366	88.389		349.05	88.181	98.729		673.35
41.650	88.522		350.48	88.499	98.724		675.26
49.686	91.336		406.05	94.743	99.455		719.71
49.844	91.479		407.40	100.000	100.000		757.67
50.046	91.517		408.81				



x	y	l	P	γ_1	γ_2
0	0	15	2.31	—	1.000
1	35.12		3.53	2.037	1.000
1.5	44.92		4.13	2.020	1.000
2	52.02		4.72	2.012	1.000
3	62.03		5.88	1.988	1.000
4	68.42		7.01	1.963	1.000
5	73.03		8.11	1.937	1.001
7	78.92		10.2	1.882	1.002
9	82.69		12.17	1.830	1.006
12	86.28		14.93	1.757	1.010
16	89.22		18.37	1.675	1.019
20	91.2		21.57	1.608	1.029
22	91.94		23.08	1.577	1.034
26	93.1		25.92	1.518	1.047
30	93.97		28.53	1.462	1.061
40	95.40	25	34.33	1.340	1.112
50	96.53		39.46	1.246	1.181
60	97.32		44.09	1.169	1.281
70	97.94		48.1	1.100	1.432
80	98.52		51.95	1.046	1.665
90	99.18		56.22	1.013	2.011
100	100		61.2	1.000	—
0	0	25	4.38	—	1.000
1	30.89		6.24	1.979	1.000
1.5	40.14		7.18	1.979	1.000
2	46.9		8.05	1.942	1.000
3	56.85		9.81	1.913	1.000
4	63.63		11.52	1.884	1.001
5	68.48		13.18	1.857	1.002
6	72.19		14.79	1.830	1.003
8	77.46		17.9	1.782	1.005
10	81.04		20.87	1.739	1.007
14	85.57		26.47	1.663	1.015
18	88.44		31.66	1.599	1.022
22	90.36		36.51	1.541	1.031
30	92.8		45.1	1.432	1.058
40	94.64		54.3	1.318	1.106
50	95.89	35	62.5	1.229	1.174
60	96.82		69.8	1.155	1.267
70	97.57		76.2	1.089	1.409
80	98.25		82.4	1.039	1.632
90	99.05		89.7	1.009	1.923
100	100.0		97.6	1.000	—
0	0		7.76	—	1.000
1	26.71		10.47	1.866	1.000
1.5	35.12		11.82	1.863	1.000
2	42.42		13.16	1.859	1.000
3	52.52		15.81	1.847	1.000
4	59.62		18.4	1.830	1.000
5	64.85		20.92	1.811	1.001

Таблица № 1415 (продолжение)

x	y	t	P	γ_1	γ_2
6	68.86	35	23.37	1.790	1.002
8	74.56		28.05	1.746	1.003
10	78.41		32.41	1.696	1.006
14	83.48		40.78	1.624	1.013
18	86.68		48.57	1.562	1.021
22	88.85		55.7	1.502	1.029
26	90.45		62.45	1.451	1.043
30	91.69		68.59	1.402	1.056
40	93.84		82.75	1.229	1.100
50	95.31		95.92	1.217	1.160
60	96.38		107.2	1.145	1.251
70	97.22		116.68	1.080	1.395
80	98.04		126.7	1.033	1.602
90	98.95		137.9	1.008	1.849
100	100.0		150.3	1.006	—

№ 1416

БЕНЗОЛ—ФЕНОЛ

[752]

 $C_6H_6-C_6H_5O$

x	y	t	P	x	y	t	P
0.00	0.00	70	8.4	87.09	99.48	70	487.7
27.00	96.94		236.0	88.64	99.43		495.9
41.15	98.10		319.5	91.88	99.60		508.4
57.69	98.80		392.2	93.30	99.65		511.9
59.67	98.84		405.8	96.78	99.79		530.1
77.85	99.23		459.8	97.02	99.83		530.0
85.75	99.37		462.2				

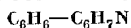
№ 1417

БЕНЗОЛ—АНИЛИН

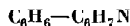
[751]

 $C_6H_6-C_6H_7N$

x	y	t	P	x	y	t	P
0.00	0.00	70	10.6	45.90	97.85	70	319.1
18.46	93.51		143.1	61.01	98.45		376.5
21.96	94.67		173.6	73.90	98.98		429.9
22.82	95.03		176.1	84.58	99.54		472.2
31.92	96.76		244.1	92.50	99.77		506.7
41.50	97.53		292.9	96.61	99.84		526.4



x	y	z	P	γ_1	γ_2
0.2	10.9	180.5	760	—	—
1.5	21.7	176.0		1.54	0.99
3.6	40.8	166.2		1.44	1.00
8.9	69.2	148.6		1.40	0.94
25.1	90.9	117.8		1.31	0.99
44.7	96.4	99.8		1.23	1.13
49.8	97.0	97.4		1.19	1.12
56.5	97.5	94.4		1.16	1.25
70.2	98.4	89.2		1.08	1.47
83.7	92.2	84.8		1.04	1.72
87.4	99.4	84.0		1.02	1.76
91.8	99.5	82.5		1.02	2.22
92.2	99.5	82.2		1.02	2.46



x	y	z	P	γ_1	γ_2
8.3	62.0	150.9	760	1.41	1.05
9.5	63.7	150.0		1.28	1.05
10.25	67.9	146.4		1.35	1.04
12.4	74.5	140.8		1.36	1.02
14.4	79.0	134.9		1.41	1.05
15.0	79.8	134.0		1.40	1.03
16.6	81.5	131.0		1.41	1.08
16.5	81.9	130.2		1.36	1.06
17.3	83.4	128.5		1.42	1.06
18.2	83.8	128.0		1.37	1.07
18.9	84.9	126.7		1.37	1.05
19.05	84.9	126.2		1.37	1.07
19.8	85.5	125.3		1.38	1.05
19.6	85.75	125.1		1.36	1.07
20.2	86.0	124.3		1.37	1.08
21.7	86.9	123.1		1.32	1.07
21.0	87.1	122.6		1.39	1.09
22.3	87.3	121.7		1.33	1.10
22.4	87.8	121.2		1.27	1.09
24.1	89.4	118.5		1.36	1.06
25.15	90.0	116.4		1.38	1.11
26.9	91.2	114.8		1.35	1.06
28.2	91.3	114.2		1.31	1.10
34.5	93.8	107.2		1.30	1.12
42.7	95.5	101.8		1.24	1.19
50.3	90.0	97.3	350	1.19	1.23
11.75	81.15	109.8		1.44	1.07

Таблица № 1419 (продолжение)

x	y	t	P	γ_1	γ_2
12.85	83.35	107.3	350	1.45	1.06
14.3	85.5	104.4		1.45	1.07
14.8	85.9	102.9		1.45	1.11
14.7	86.7	102.1		1.50	1.07
15.4	86.95	101.7		1.46	1.08
17.1	88.6	98.0		1.47	1.13
18.2	89.6	96.7		1.44	1.11
18.6	89.9	96.0		1.45	1.11
22.8	92.7	89.5		1.46	1.15
25.8	93.95	86.8		1.41	1.13
28.1	94.65	84.6		1.24	1.16

№ 1420

БЕНЗОЛ—АНИЛИН

[682]

 $C_6H_6-C_6H_7N$

x	y	t	P	γ_1	γ_2
17.2	86.5	119.3	610	1.46	1.00
20.9	88.8		715	1.41	1.01
28.8	91.6		875	1.32	1.03
31.5	92.0		944	1.30	1.06
31.7	—		933	—	—
45.5	95.0		1209	1.19	1.09
47.2	95.2		1250	1.18	1.11
69.2	—		1640	—	—
71.4	97.5		1670	1.06	1.38
80.1	98.3		1817	1.03	1.47
80.2	—		1818	—	—
87.9	98.9		1957	1.01	1.62
89.3	99.0		1980	1.00	1.66

№ 1421

БЕНЗОЛ—АНИЛИН

[613]

 $C_6H_6-C_6H_7N$

x	y	t	P	γ_1	γ_2
55.9	98.91	50	182.4	1.194	1.291
66.5	99.16		202.63	1.117	1.435
75.1	99.33		216.96	1.059	1.666
77.84	99.41		223.62	1.054	1.699
84.0	99.55		235.2	1.030	1.885
88.59	99.67		244.96	1.016	2.034
93.4	99.79		254.61	1.002	2.304
20.2	95.05	70	178.9	1.558	1.028

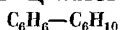
Таблица № 1421 (продолжение)

x	y	t	P	γ_1	γ_2
32.35	96.87	70	253.29	1.398	1.077
40.5	97.55		297.3	1.347	1.119
46.4	97.92		326.16	1.264	1.155
54.1	98.25		356.82	1.188	1.232
65.0	98.7		402.77	1.119	1.359
71.6	98.94		428.21	1.081	1.453
73.95	99.0		435.2	1.064	1.511
82.5	99.32		469.7	1.032	1.652
88.1	99.53		494.57	1.017	1.757
92.9	99.71		515.49	1.006	1.890
22.5	93.27	90	350.93	1.466	1.017
31.2	95.13		447.3	1.369	1.049
37.15	95.93		505.18	1.306	1.079
38.8	96.06		517.32	1.282	1.097

№ 1422

БЕНЗОЛ—ЦИКЛОГЕРСИЛЕН

[590]

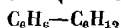


x	y	t	P	γ_1	γ_2
0.0	0.0	82.1	740	—	1.000
6.8	8.5	81.5		1.202	1.029
33.0	36.3	79.8		1.081	1.046
46.6	48.7	79.4		1.040	1.038
49.6	51.8	79.2		1.044	1.039
55.3	56.9	79.1		1.032	1.051
58.3	59.5	79.1		1.023	1.058
59.7	61.1	79.1		1.026	1.052
65.7	65.7	78.9		1.010	1.096
68.3	68.0	78.9		1.006	1.106
73.0	72.7	78.9		1.006	1.108
84.2	83.0	78.95		0.995	1.178
85.1	84.1	78.95		0.997	1.168
88.5	87.5	78.95		0.997	1.190
100.0	100.0	79.2		1.000	—

№ 1423

БЕНЗОЛ—ЦИКЛОГЕКСАН

[949]



x	y	t	P	x	y	t	P
12.82	16.57	40.00	194.94	61.43	59.09	40.00	205.18
23.54	27.66		200.65	74.28	69.79		201.73
36.85	39.12		204.75	86.56	82.05		195.04
49.32	49.50		206.12	11.86	14.86	69.98	567.60

Таблица № 1423 (продолжение)

x	y	t	P	x	y	t	P
24.09	28.05	69.98	584.90	86.59	83.11	69.98	577.79
37.59	39.82		596.16	49.52	49.48	29.98	136.38
49.45	49.75		600.27	45.93	46.80	49.99	302.07
61.80	60.27		599.32	45.17	46.49	59.95	430.28
72.48	69.62		593.48				

№ 1424

БЕНЗОЛ—ЦИКЛОГЕКСАН

[903]

 $C_6H_6-C_6H_{12}$

x	y	t	P	γ_1	γ_2
4.5	5.9	80.2	759	1.305	0.997
6.6	8.4	80.0		1.275	0.999
10.5	12.9	79.5		1.254	1.009
11.8	14.5	79.3		1.262	1.002
25.4	29.0	78.2		1.211	1.027
38.3	40.7	77.5		1.153	1.061
44.9	46.1	77.4		1.118	1.083
50.2	50.2	77.4		1.089	1.107
55.4	54.5	77.4		1.070	1.128
59.7	58.0	77.5		1.053	1.149
62.8	60.5	77.6		1.041	1.166
64.5	62.1	77.6		1.042	1.175
72.0	68.2	77.7		1.020	1.244
73.8	69.8	77.8		1.015	1.258
75.3	71.7	78.0		1.015	1.242
79.8	75.8	78.2		1.005	1.289
83.5	79.8	78.3		1.008	1.313
87.9	84.7	78.7		1.005	1.341
89.3	86.5	78.9		1.004	1.328
91.4	88.9	79.0		1.003	1.353
92.8	90.7	79.2		1.004	1.348
93.7	91.8	79.3		1.002	1.354
96.0	94.8	79.5		1.006	1.346

№ 1425

БЕНЗОЛ—ЦИКЛОГЕКСАН

[984]

 $C_6H_6-C_6H_{12}$

x	y	t	P	x	y	t	P
0.0	0.0	80.75	760	20.5	24.0	78.90	760
6.8	9.1	80.03		28.3	31.8	78.35	
10.0	13.0	79.75		28.8	32.2	78.36	
18.8	22.4	78.95		38.5	40.7	77.90	

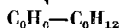
Таблица № 1425 (продолжение)

x	y	t	P	x	y	t	P
38.8	41.2	77.85	760	68.0	65.9	77.76	760
48.6	49.6	77.65		69.8	67.0	77.82	
49.3	50.0	77.65		79.0	75.8	78.25	
51.8	52.4	77.62		79.8	76.6	78.35	
54.5	54.5	77.62		89.4	86.3	78.95	
55.6	55.3	77.62		89.9	87.2	79.02	
58.9	58.3	77.68		100.0	100.0	80.16	

№ 1426

БЕНЗОЛ—ЦИКЛОГЕКСАН

[1027]

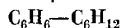


x	y	t	P	x	y	t	P
12.7	17.55	79.54	760	65.7	63.65	77.78	760
24.15	28.15	78.65		74.9	72.05	78.1	
35.1	38.15	78.01		84.2	81.0	78.57	
45.7	47.2	77.68		92.0	89.55	79.16	
55.7	55.05	77.63					

№ 1427

БЕНЗОЛ—ЦИКЛОГЕКСАН

[682]

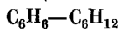


x	y	t	P	γ_1	γ_2
19.2	22.3	119.3	2214	1.17	1.00
41.6	43.6		2299	1.09	1.04
68.2	67.0		2296	1.02	1.13
85.3	83.5		2259	1.00	1.20

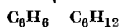
№ 1428

БЕНЗОЛ—ЦИКЛОГЕКСАН

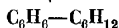
[1061]



x	y	t	P	x	y	t	P
16.0	18.6	87.85	760	67.0	65.2	86.10	760
27.4	30.9	87.05		70.6	68.8	86.10	
39.5	42.0	85.80		83.3	80.4	87.24	
50.9	51.7	85.50		92.9	90.5	87.06	
61.4	60.9	86.55		93.1	90.7	88.20	
61.3	60.8	85.93					

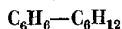


x	y	t	P , ата	$\lg \frac{Y_1}{Y_2}$	x	y	t	P , ата	$\lg \frac{Y_1}{Y_2}$
0.0	0.0	Нет данных	4.53	0.0780	60.0	60.8	Нет данных	11.3	—0.0080
10.0	11.6			0.0720	70.0	70.0			—0.0213
20.0	22.7			0.0650	80.0	79.0			—0.0378
30.0	33.5			0.0560	90.0	89.0			—0.0545
40.0	43.3			0.0430	100.0	100.0			—0.0730
50.0	51.9			0.0265	0.0	0.0		14.8	0.0360
60.0	60.2			0.0027	10.0	10.6			0.0326
70.0	68.9			—0.0297	20.0	21.2			0.0282
80.0	77.0			—0.0662	30.0	31.7			0.0225
90.0	88.5			—0.1034	40.0	41.8			0.0140
100.0	100.0	—0.1390	50.0	51.2	0.0030				
0.0	0.0	7.93	7.93	0.0560	60.0	60.7	18.3		—0.0104
10.0	11.1			0.0517	70.0	70.1			—0.0240
20.0	22.0			0.0450	80.0	79.7			—0.0355
30.0	32.2			0.0362	90.0	89.4			—0.0435
40.0	42.0			0.0255	100.0	100.0		—0.0480	
50.0	51.3			0.0120	0.0	0.0		0.0337	
60.0	60.5			—0.0043	10.0	10.5		0.0314	
70.0	69.6			—0.0218	20.0	20.8		0.0273	
80.0	79.0			—0.0434	30.0	31.8		0.0210	
90.0	89.0			—0.0685	40.0	41.9		0.0126	
100.0	100.0	—0.0955	50.0	51.1	0.0024				
0.0	0.0	11.3	11.3	0.0400	60.0	60.6	—0.0103		
10.0	11.2			0.0365	70.0	70.3	—0.0234		
20.0	21.7			0.0314	80.0	79.8	—0.0331		
30.0	32.0			0.0240	90.0	89.7	—0.0400		
40.0	42.0			0.0160	100.0	100.0	—0.0443		
50.0	51.3			0.0052					

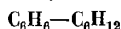


x	y	t	P	x	y	t	P
9.0	11.3	79.8	760	62.7	61.5	77.8	760
15.7	18.9	79.2		70.3	68.0	77.9	
23.1	26.9	78.6		76.1	72.9	78.1	
30.9	34.4	78.1		82.5	79.2	78.4	
41.0	42.3	77.8		89.1	86.3	79.0	
47.1	48.5	77.8		95.2	93.9	79.6	
55.0	54.2	77.7					

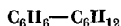
Примечание. Данные рассчитаны по графику, приведенному в статье.



x	y	t	P	γ_1	γ_2
17.8	21.7	78.73	760	1.272	1.016
22.8	26.6	78.34		1.239	1.028
26.8	30.5	78.07		1.219	1.034
36.2	39.5	77.68		1.184	1.047
46.1	47.4	77.43		1.124	1.087
51.9	52.7	77.36		1.113	1.099
59.8	59.1	77.38		1.090	1.134
64.2	62.7	77.39		1.066	1.162
67.4	65.2	77.54		1.054	1.185
76.5	73.5	77.84		1.037	1.238
93.8	92.2	79.00		1.021	1.330



x	y	t	P	x	y	t	P
0.0	0.0	80.78	760	61.8	59.7	77.67	760
21.2	24.6	78.27		81.2	77.2	78.64	
41.8	43.3	77.56		100.0	100.0	80.11	

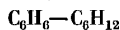


x	y	t	P	γ_1	γ_2
10.1	13.1	79.5	760	1.321	1.003
17.1	21.1	78.9		1.278	1.005
25.6	29.3	78.4		1.206	1.020
34.3	37.6	77.8		1.177	1.038
42.8	44.5	77.5		1.127	1.071
52.5	52.9	77.4		1.088	1.098
57.1	56.4	77.4		1.074	1.122
66.5	64.5	77.6		1.048	1.164
75.9	72.8	77.9		1.027	1.230
81.0	77.7	78.2		1.017	1.268
86.3	83.4	78.6		1.012	1.237
94.5	92.6	79.3		1.004	1.405

№ 1434

БЕНЗОЛ—ЦИКЛОГЕКСАН

[238]

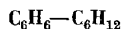


x	y	t	P	x	y	t	P
12.5	16.7	70	563.4	62.5	61.1	70	596.2
25.0	29.7		579.0	75.0	71.6		589.4
37.5	41.2		590.5	87.5	83.4		570.9
50.0	51.1		596.6				

№ 1435

БЕНЗОЛ—ЦИКЛОГЕКСАН

[373]

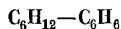


x	y	t	P	x	y	t	P
0.00	0.00	10	47.57	0.00	0.00	60	388.86
6.10	9.53		49.42	6.72	9.12		400.67
21.49	27.10		52.34	22.61	26.70		419.47
31.87	36.00		53.54	32.01	35.26		425.49
43.20	44.53		53.77	43.20	44.80		431.38
52.46	51.06		54.11	52.03	52.03		432.18
61.17	57.35		53.54	60.29	58.95		430.67
72.65	66.26		52.30	70.95	67.70		427.35
80.40	73.12		51.33	79.52	75.63		420.64
88.30	82.00		49.62	87.52	83.86		411.94
89.99	83.82		49.17	89.32	86.00		409.65
100.00	100.00		45.54	100.00	100.00		391.36

№ 1436

МЕТИЛЦИКЛОПЕНТАН—БЕНЗОЛ

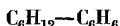
[574]



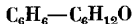
x	y	t	P	x	y	t	P
2.97	5.26	760	760	82.24	82.99	71.54	760
10.80	16.68			84.41	84.99	—	
17.51	25.33			87.21	87.54	—	
30.17	38.70			90.30	90.34	71.47	
38.06	45.98			91.80	91.74	71.53	
44.50	51.79			92.95	92.87	—	
50.31	56.73			93.73	93.60	71.65	
57.37	62.55			94.50	94.42	71.68	
64.34	67.95			95.18	95.03	71.80	
72.06	74.42			96.13	96.02	—	
78.55	79.86						



x	y	t	P	x	y	t	P
0.0	0.0	80.15	760	48.9	54.8	72.95	760
1.25	2.2	79.85		51.4	56.8	72.8	
2.5	4.5	79.45		53.0	58.0	72.7	
4.5	7.6	79.0		56.0	60.7	72.5	
6.95	11.3	78.35		60.1	63.8	72.3	
9.6	15.5	77.8		63.1	66.4	72.2	
13.5	20.6	77.15		67.7	70.4	72.0	
16.3	23.7	76.65		68.9	71.3	71.95	
19.5	27.8	76.1		74.9	76.2	71.8	
23.0	31.6	75.6		79.0	79.9	71.75	
27.25	35.8	75.1		80.8	81.5	71.7	
31.2	39.5	74.6		83.0	83.6	71.65	
34.1	42.5	74.2		84.5	84.6	71.65	
39.2	46.7	73.75		87.5	87.5	71.65	
40.8	48.15	73.6		92.1	92.1	71.75	
43.0	50.0	73.4		96.4	96.4	71.8	
44.8	51.4	73.25		100.0	100.0	71.8	
45.8	52.3	73.15					



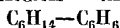
x	y	t	P	x	y	t	P
0.0	0.0	80.11	760	58.4	65.7	72.34	760
30.1	39.3	74.62		78.2	79.1	71.65	
46.1	53.4	73.08		100.0	100.0	71.82	



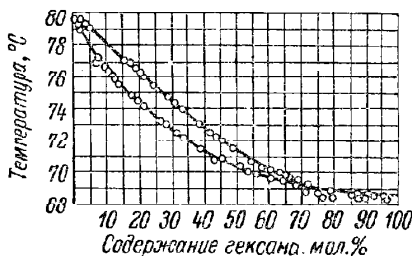
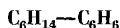
x	y	t	P	γ_1	γ_2
4.75	13.0	112.7	760	1.080	1.006
8.5	22.5	110.3		1.113	1.005
12.5	31.0	108.1		1.105	0.956
17.0	39.0	106.3		1.034	0.988
19.0	42.5	105.8		1.059	0.970
27.5	55.0	101.6		1.060	0.970
34.3	64.0	98.9		1.030	0.934
38.1	67.5	97.6		1.042	0.941
43.0	69.5	96.0		1.006	1.057
48.0	76.0	93.3		1.065	0.950
56.2	81.5	90.8		1.052	0.946

Таблица № 1439 (продолжение)

x	y	t	P	γ_1	γ_2
64.2	86.5	87.9	760	1.060	0.934
72.0	90.25	85.9		1.048	0.925
81.5	93.5	84.2		1.012	0.969
88.0	96.25	82.7		1.010	0.929
93.0	97.5	81.7		0.989	0.992
96.5	98.75	80.7		1.006	0.938
5.0	14.5	103.6	600	1.152	1.028
8.5	21.0	102.2		1.067	1.052
12.5	30.8	100.5		1.069	1.002
18.7	43.5	97.8		1.112	0.971
27.5	57.5	94.0		1.090	0.929
34.0	65.0	91.1		1.085	0.931
38.5	67.5	90.0		1.027	0.964
42.0	73.0	88.6		1.062	0.925
48.2	76.4	86.6		1.029	0.834
55.2	81.5	84.0		1.038	0.928
64.0	86.75	81.6		1.046	0.903
72.0	91.25	79.1		1.035	0.903
80.8	93.75	77.2		1.006	0.937
86.5	96.4	75.9		1.007	0.937
92.0	97.25	74.9		0.994	0.990
96.8	99.0	73.1		1.013	1.013
4.2	11.8	96.1	450	1.059	0.964
8.5	22.2	95.1		0.993	0.979
11.0	30.5	93.3		1.107	0.952
28.0	58.5	85.0		1.052	0.937
31.5	63.5	83.5		1.086	0.917
33.5	65.0	82.5		1.069	0.936
39.5	69.5	81.2		1.012	0.941
41.8	72.0	80.3		1.014	0.925
46.2	75.5	80.0		0.989	0.886
55.2	78.9	76.1		0.962	0.927
64.4	86.6	73.8		0.976	0.924
72.6	90.25	71.4		0.950	0.955
81.8	94.0	69.0		0.974	0.973
86.5	95.8	67.6		0.983	0.966
92.0	97.5	66.2		0.949	1.024
96.3	98.9	65.35		1.000	1.012
14.8	38.0	80.0	319	1.080	0.966
20.0	47.5		348	1.091	0.982
28.0	58.0		378	1.057	0.975
31.5	62.0		392	1.017	0.940
33.5	65.0		410	1.050	0.933
39.2	69.5		436	1.000	0.945
46.2	75.5		450	0.970	0.885
56.1	80.5		508	0.990	0.975
64.4	87.5		579	0.983	0.877
72.2	90.25		617	1.025	0.935
81.5	93.8		668	1.015	0.967
88.0	96.25		698	1.007	0.949
93.0	97.75		724	1.003	1.057
96.3	98.75		746	1.008	0.990



x	y	t	P	x	y	t	P
0.4	0.9	78.4	735	71.3	75.3	67.8	735
2.5	6.0	77.7		76.3	79.0	67.7	
4.3	8.3	77.3		88.9	89.3	67.5	
7.5	15.3	76.0		96.5	96.6	67.4	
21.5	33.3	72.8		99.0	99.0	67.3	
43.0	54.5	69.8					



$$P = 760 \text{ мм}$$



x	y	t	P , ата	$\lg \frac{Y_1}{Y_2}$	x	y	t	P , ата	$\lg \frac{Y_1}{Y_2}$
0.0	Нет данных	Нет данных	4.0	0.085	30.0	Нет данных	Нет данных	6.02	0.045
10.0				0.074	40.0				0.032
20.0				0.062	50.0				0.014
30.0				0.048	60.0				-0.007
40.0				0.033	70.0				-0.031
50.0			6.02	0.012	80.0			8.0	-0.055
60.0				-0.014	90.0				-0.083
70.0				-0.041	100.0				-0.111
80.0				-0.071	0.0				0.063
90.0				-0.104	10.0				0.060
100.0				-0.141	20.0				0.053
0.0				0.074	30.0				0.043
10.0				0.065	40.0				0.031
20.0				0.056	50.0				0.014

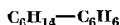
Таблица № 1442 (продолжение)

x	y	t	P , атм	$\lg \frac{y_1}{y_2}$	x	y	t	P , атм	$\lg \frac{y_1}{y_2}$
60.0	Нет данных	Нет данных	8.0	-0.006	30.0	Нет данных	Нет данных	10.0	0.037
70.0				-0.036	40.0				0.028
80.0				-0.052	50.0				0.014
90.0				-0.076	60.0				-0.003
100.0				-0.101	70.0				-0.022
0.0			10.0	0.052	80.0				-0.041
10.0				0.049	90.0				-0.059
20.0				0.044	100.0				-0.079

№ 1443

ГЕКСАН—БЕНЗОЛ

[564]

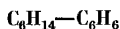


x	y	t	P	y_2
94.00	94.027	68.68	760	1.4453
95.00	94.979	68.64		1.4529
96.00	95.958	68.64		1.4626
97.00	96.943	68.66		1.4724
98.00	97.950	68.70		1.4823
99.00	98.969	68.76		1.4923
100.00	100.00	68.875		1.5023

№ 1444

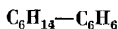
ГЕКСАН—БЕНЗОЛ

[402]



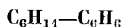
x	y	t	P	x	y	t	P
0.0	0.0	80.10	760	94.51	95.00	68.79	760
3.0	6.0	78.98		96.08	96.40	68.77	
10.2	19.2	76.65		96.79	97.05	68.76	
20.7	32.8	74.34		98.03	98.16	68.75	
24.8	37.3	73.03		98.92	98.97	68.75	
29.6	42.0	72.85		99.781	99.784	68.74	
42.0	52.9	71.34		99.796	99.790	68.74	
59.8	67.0	69.08		99.847	99.791	68.74	
84.1	86.1	69.01		99.885	99.841	68.74	
93.00	93.71	68.81		100.0	100.0	68.76	

Примечание. Состав равновесных фаз определялся при помощи радиоактивного углерода C^{14} в бензоле.



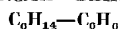
x	y	t	P	γ_1	γ_2
2.4	5.1	79.5	760	1.530	1.001
2.7	6.2	79.2		1.670	1.000
2.8	5.5	79.4		1.423	1.001
3.0	6.2	79.3		1.502	1.001
3.1	6.1	79.3		1.430	1.001
4.0	8.0	78.8		1.468	0.994
8.0	15.4	77.5		1.470	1.000
10.8	20.0	77.5		1.419	0.972
10.8	20.0	76.6		1.460	1.002
11.0	20.0	76.6		1.440	1.008
11.3	20.0	76.5		1.400	1.010
16.3	27.2	75.6		1.360	1.002
16.8	28.0	75.45		1.360	1.000
16.8	27.5	75.5		1.330	1.005
40.2	51.2	71.9		1.157	1.060
49.9	58.9	71.42		1.095	1.080
49.9	59.4	71.5		1.090	1.069
51.0	60.8	70.9		1.138	1.102
63.8	69.5	69.9		1.050	1.169
63.8	69.7	69.8		1.058	1.163
82.5	83.5	68.9		1.005	1.345
92.1	92.3	68.85		1.000	1.398
92.5	92.7	68.81		1.000	1.400
96.5	96.5	68.65		1.000	1.420
97.1	96.9	68.75		1.000	1.539
97.5	97.3	68.70		1.000	1.555
97.9	97.9	68.78		1.000	1.438
98.0	98.0	68.76		1.000	1.439
98.0	97.9	68.70		1.000	1.520
98.2	98.1	68.70		1.000	1.530
98.4	98.3	68.77		1.000	1.530

ГЕРСАН—БЕНЗОЛ

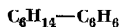


x	y	t	P
0.00	0.0	20	74.6
19.45	37.7		100.0
37.16	51.6		112.7
57.39	63.2		120.9
78.39	79.5		122.9
100.00	100.0		122.5

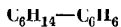
ГЕРСАН—БЕНЗОЛ



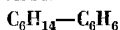
x	y	t	P
12.5	22.7	70	620.9
25.0	37.5		676.5
37.5	49.5		711.6
50.0	59.6		744.7
62.5	68.75		768.7
75.0	77.5		785.2
87.5	88.0		791.6



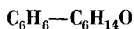
x	y	t	P	γ_1	γ_2
3.0	10.0	40.7	200	2.300	0.990
3.3	10.5	40.6		2.230	1.000
3.5	10.0	40.5		2.005	1.000
26.0	42.5	35.1		1.418	1.043
27.3	42.7	35.1		1.360	1.061
28.7	45.0	35.0		1.360	1.040
28.9	44.6	35.0		1.340	1.065
50.2	60.6	33.0		1.140	1.162
50.6	60.5	32.9		1.133	1.172
65.0	71.0	32.1		1.069	1.265
65.2	70.4	31.2		1.057	1.310
74.9	77.7	31.8		1.029	1.375
75.3	78.3	31.7		1.035	1.366
81.5	83.1	31.6		1.020	1.426
81.6	83.1	31.6		1.019	1.434
91.0	91.0	31.3		1.014	1.582
93.6	93.4	31.3	300	1.012	1.632
5.5	12.7	50.4		1.670	1.000
6.8	15.4	49.6		1.700	1.019
26.6	43.8	45.7		1.370	1.030
27.3	41.6	45.1		1.362	1.074
30.2	46.0	45.4		1.330	1.030
30.4	46.3	45.4		1.330	1.020
51.5	60.8	43.2		1.122	1.165
65.3	70.5	42.2		1.065	1.284
75.0	77.8	41.9		1.035	1.349
81.6	83.4	41.8		1.024	1.377
91.2	91.2	41.8		1.525	1.001
93.4	93.3	41.6		1.009	1.561
93.7	93.7	41.6		1.010	1.538
3.0	7.4	59.4	400	1.760	1.001
4.1	10.7	58.9		1.900	0.990
26.0	41.2	53.6		1.380	1.027
27.2	41.9	53.2		1.357	1.043
28.0	41.5	53.2		1.306	1.065
52.0	61.0	50.5		1.138	1.175
65.5	70.2	50.0		1.059	1.274
75.3	78.2	49.6		1.041	1.322
81.4	83.4	49.6		1.026	1.337
91.0	91.4	49.3		1.016	1.448
91.4	91.6	49.3		1.014	1.480
93.4	93.6	49.3		1.014	1.470



x	y	t	P	γ_1	γ_2
0.0	0.0	80.1	760	—	1.00
7.3	14.0	77.6		1.46	1.00
17.2	26.8	75.1		1.28	1.03
26.8	37.6	73.4		1.22	1.05
37.2	46.0	72.0		1.12	1.11
46.2	54.0	70.9		1.09	1.15
58.5	64.4	70.0		1.06	1.18
69.2	72.5	69.4		1.03	1.26
79.2	80.7	69.1		1.01	1.32
82.8	83.8	69.0		1.00	1.34
88.3	88.8	68.9		1.00	1.35
94.7	95.0	68.8		1.00	1.36
96.2	96.4	68.8		1.00	1.36
100.0	100.0	68.8		1.00	—



x	y	t	P	γ_1	γ_2
8.5	17.8	55.25	371.9	1.61	1.01
8.6	18.4	55.07	371.6	1.65	1.01
11.8	22.7	55.14	383.9	1.53	1.02
17.1	30.0	55.20	401.4	1.46	1.03
17.6	30.6	55.22	402.5	1.45	1.02
20.0	34.4	55.12	409.7	1.42	1.03
27.3	40.5	54.98	425.0	1.31	1.06
37.5	48.9	55.26	445.2	1.20	1.10
49.5	58.1	54.92	458.0	1.12	1.16
57.3	63.6	55.03	468.0	1.07	1.21
60.0	65.9	55.02	470.5	1.07	1.22
70.6	73.5	55.10	480.0	1.03	1.31
77.0	78.6	55.02	485.1	1.02	1.37
87.7	88.3	55.08	486.0	1.01	1.40



x	y	t	P	γ_1	γ_2
2.2	12.0	128.0	760	1.573	1.020
3.5	19.2	126.1		1.653	1.046
8.2	35.0	120.5		1.427	1.002
13.6	50.8	114.8		1.467	1.008

Таблица № 1451 (продолжение)

x	y	t	P	γ_1	γ_2
17.0	58.0	111.5	760	1.456	1.004
23.7	68.1	108.2		1.401	1.002
27.3	72.9	103.0		1.415	1.006
31.0	75.8	100.5		1.381	1.033
35.6	79.5	98.0		1.314	1.022
42.0	82.9	95.0		1.296	1.075
53.4	87.5	91.2		1.191	1.133
63.5	90.5	88.3		1.123	1.193
68.7	92.0	87.0		1.095	1.282
72.4	92.8	86.4		1.068	1.331
78.5	94.5	84.9		1.037	1.409
87.0	96.3	83.3		1.006	1.641
91.0	97.3	82.0		1.012	1.688
93.4	98.0	81.4		1.008	1.888
96.5	99.0	81.0		0.997	1.912
98.4	99.5	80.5		0.999	2.018

№ 1452

[751]

БЕНЗОЛ—БЕНЗОНИТРИЛ

 $C_6H_6-C_7H_5N$

x	y	t	P
0.00	0.00	70	10.3
20.86	92.18		121.0
28.54	94.60		164.8
44.37	97.12		259.7
51.12	97.73		295.7
58.36	98.37		335.8
64.94	98.68		369.3
73.41	99.00		403.2
81.65	99.35		451.3
87.72	99.50		481.2
92.02	99.68		503.6
96.41	99.86		525.9

№ 1453

[442]

БЕНЗОЛ—ТОЛУОЛ

 $C_6H_6-C_7H_8$

x	y	t	P
0.0	0.0	110.6	760
8.8	21.2	106.1	
20.0	37.0	102.2	
30.0	50.0	98.6	
39.7	61.8	95.2	
48.9	71.0	92.1	
59.2	78.9	89.4	
70.0	85.3	86.8	
80.3	91.4	84.4	
90.3	95.7	82.3	
95.0	97.9	81.2	
100.0	100.0	80.2	

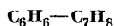
№ 1454

БЕНЗОЛ—ТОЛУОЛ

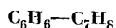
[926]

 $C_6H_6-C_7H_8$

x	y	t	P	x	y	t	P
0	0.0	110.05	760	60	79.1	89.74	760
10	20.8	105.31		70	85.7	87.29	
20	37.2	101.46		80	91.2	84.99	
30	50.7	98.00		90	95.9	82.68	
40	61.9	95.05		95	98.0	81.43	
50	71.3	92.30		100	100.0	80.13	

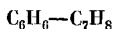


x	y	t	P , ата	x	y	t	P , ата
11.7	22.0	120	1.49	27.0	38.4	200	9.5
25.6	42.2		1.74	38.5	51.8		10.4
25.8	42.5		1.75	56.6	68.2		11.4
26.4	45.3		1.74	77.7	84.6		12.8
44.0	63.9	160	2.00	17.1	23.7	240	16.2
68.2	82.4		2.46	30.8	41.7		17.9
12.7	22.8		3.79	50.7	60.8		20.0
27.7	41.4		4.32	55.0	66.6		21.0
39.8	54.3	180	4.74	75.9	82.9	280	22.8
62.0	75.2		5.61	16.9	21.2		27.9
76.0	84.5		6.41	30.2	37.8		30.5
47.0	62.0		7.34	35.5	42.7		31.0
54.0	67.9	200	7.83	57.0	64.3		34.5
15.4	22.2		8.91	74.3	79.0		38.2

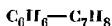


x	y	t	P	x	y	t	P
6.3	18.1	107	760	62.5	87.1	88	760
23.4	51.0	101		74.8	91.2	85	
32.0	63.7	97		99.1	99.5	80	
46.8	78.8	91					

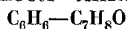
Примечание. Данные рассчитаны по графикам, приведенным в статье.



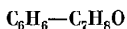
x	y	t	P	x	y	t	P
0	0.000	110.61	760	60	79.160	89.44	760
5	10.838	108.36		70	85.710	86.84	
10	20.570	106.22		80	91.254	84.43	
20	37.230	102.24		90	95.970	82.19	
30	50.844	98.61		95	98.063	81.12	
40	62.061	95.30		100	100.000	80.10	
50	71.374	92.25					



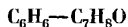
x	y	t	P	x	y	t	P
0.0	0.0	110.7	760	57.8	76.9	90.0	760
10.7	21.9	105.9		67.3	83.5	87.5	
20.7	38.1	101.9		77.3	89.3	85.1	
30.3	50.9	98.4		87.5	94.5	82.8	
39.3	60.9	95.4		100.0	100.0	80.2	
48.6	69.6	92.6					



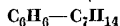
x	y	t	P	x	y	t	P
0.00	0.00	70	39.8	63.34	94.68	70	347.8
9.17	50.70		76.4	85.75	98.46		468.4
31.69	84.05		185.4	92.05	99.14		503.2
48.05	91.17		271.4	96.70	99.63		528.7



x	y	t	P	x	y	t	P
0.00	0.00	70	2.1	75.36	99.64	70	458.6
17.28	98.82		147.8	88.71	99.79		499.3
38.05	99.24		300.7	92.92	99.86		513.0
51.01	99.56		370.1	93.66	99.85		516.4
54.00	99.56		389.1	96.51	99.92		525.1
60.07	99.60		409.4				



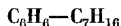
x	y	t	P	x	y	t	P
0.0	0.0	202.4	760	40.8	94.1	127.3	700
4.1	49.3	190.8		57.9	95.0	116.0	
8.7	65.0	179.0		71.3	97.6	100.1	
15.3	78.0	165.7		84.4	99.0	88.1	
18.0	82.8	159.2		90.7	99.3	83.5	
31.4	91.5	137.5		100.0	100.0	80.1	



x	y	t	P	x	y	t	P
0.0	0.0	100.80	760	48.5	63.3	86.68	760
5.2	11.2	98.60		49.1	63.0	86.50	
7.4	15.1	97.78		58.7	71.4	84.70	
7.7	15.7	97.52		59.2	70.8	84.78	
12.8	23.9	95.52		59.8	71.4	84.70	
16.1	29.7	94.45		69.3	78.3	83.25	
18.0	31.2	93.86		77.0	83.4	82.38	
24.8	39.4	91.95		78.8	84.8	82.12	
26.7	43.0	91.44		85.4	89.1	81.48	
31.1	46.6	90.34		93.7	95.1	80.70	
37.8	53.7	88.68		94.3	95.6	80.71	
38.9	54.0	88.50		100.0	100.0	80.15	
40.2	55.1	88.30					



x	y	t	P	x	y	t	P
0.0	0.0	100.95	760	48.3	63.7	86.5	760
1.5	2.6	100.4		51.0	65.5	85.95	
3.5	7.2	99.5		53.15	67.5	85.5	
5.2	10.95	98.65		57.3	70.25	84.9	
8.3	16.35	97.6		61.7	73.3	82.25	
10.95	20.75	96.5		66.5	76.7	83.5	
16.7	29.7	94.5		70.5	78.95	83.05	
20.35	35.2	93.2		73.9	81.5	82.55	
23.1	38.55	92.4		77.7	83.8	82.1	
26.9	43.6	91.3		82.1	86.7	81.65	
30.7	48.3	90.25		86.05	89.6	81.2	
33.7	51.15	89.5		90.0	92.3	80.9	
36.1	53.2	88.9		93.35	94.8	80.6	
38.85	55.5	88.35		96.5	97.3	80.35	
42.0	58.2	87.7		100.0	100.0	80.15	
44.8	60.85	87.15					



x	y	t	P	x	y	t	P
0	0.0	Нет данных	760	15	29.8	Нет данных	760
3	7.5			20	37.2		
5	11.8			25	43.2		
10	21.2			30	48.9		

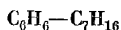
Таблица № 1464 (продолжение)

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
35	54.0	Нет данных	760	75	82.7	Нет данных	760
40	58.4			80	85.5		
45	62.4			85	88.5		
50	66.3			90	92.0		
55	69.9			95	95.8		
60	73.2			98	98.3		
65	76.5			100	100.0		
70	79.7						

№ 1465

БЕНЗОЛ—ГЕПТАН

[448]

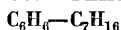


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
5.2	11.6	96.8	760	55.4	69.4	84.4	760
11.6	22.4	94.8		63.8	73.8	83.1	
16.2	29.7	93.5		71.6	78.9	82.15	
21.0	35.7	92.1		75.0	81.3	81.8	
26.4	42.6	90.7		81.9	86.2	81.2	
42.4	59.4	86.8		90.3	92.1	80.45	
53.8	69.2	84.7		95.5	96.0	80.15	

№ 1466

БЕНЗОЛ—ГЕПТАН

[984]



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	98.45	760	52.4	65.7	84.75	760
7.7	15.2	95.58		57.6	69.8	83.92	
8.8	16.8	95.43		58.6	70.6	83.69	
13.4	24.9	93.71		60.8	71.9	83.46	
14.4	25.4	93.52		65.9	75.6	82.70	
15.2	26.8	93.35		69.8	77.9	82.29	
20.2	34.6	91.60		72.4	80.0	81.82	
20.3	34.2	91.60		77.1	83.0	81.60	
23.0	38.2	90.96		83.0	87.0	80.75	
27.7	42.7	89.82		83.1	87.0	80.75	
29.9	45.5	89.10		89.4	91.5	80.45	
31.8	47.4	88.68		93.4	94.6	80.27	
35.3	51.2	87.88		93.5	94.7	80.25	
40.3	55.4	86.90		93.6	94.6	80.22	
40.9	56.6	86.67		98.0	98.2	80.12	
45.7	60.4	85.73		98.5	98.6	80.15	
51.9	65.6	84.71		100.0	100.0	80.12	

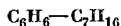
Таблица № 1466 (продолжение)

x	y	t	P	x	y	t	P
0.0	0.0	95.67	700	77.5	83.3	68.6	500
8.2	16.6	92.70		93.7	94.5	67.5	
26.2	41.3	87.55		98.2	98.5	67.3	
38.4	53.8	84.68		100.0	100.0	67.3	
49.2	63.6	82.57		0.0	0.0	78.0	400
68.6	77.1	79.23	600	9.9	20.0	74.6	
86.7	89.3	78.03		26.1	42.8	69.9	
92.3	93.5	77.70		35.8	52.8	67.7	
98.1	98.2	77.45		47.0	63.6	65.4	
100.0	100.0	77.41		67.5	77.1	62.7	
0.0	0.0	90.65		84.4	87.8	61.2	300
9.9	19.8	87.10		91.9	93.2	60.9	
27.8	43.1	82.20		97.8	98.1	60.7	
37.3	53.2	79.60		100.0	100.0	60.5	
48.5	63.6	77.50		0.0	0.0	69.6	
68.2	77.1	74.75		10.0	20.7	66.2	
84.9	88.1	73.20		21.4	37.9	62.5	
92.1	93.5	72.85		34.2	51.4	59.7	
97.8	98.1	72.65		46.5	63.6	57.3	
100.0	100.0	72.65		66.8	77.5	54.5	
0.0	0.0	85.0	500	84.8	88.1	53.2	
15.5	27.6	80.0		91.8	93.0	53.1	
35.5	52.3	74.7		97.5	97.7	53.0	
45.8	61.2	72.5		100.0	100.0	52.9	
58.0	70.8	70.6					

№ 1467

БЕНЗОЛ—ГЕПТАН

[389]

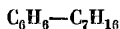


x	y	t	P	x	y	t	P
1.789	4.218	60	216.43	4.373	8.641	80	452.34
4.544	9.996		224.86	4.580	9.008		453.06
9.274	19.302		239.66	9.287	17.231		478.77
18.792	34.165		266.92	18.947	32.242		527.72
29.336	47.169		294.35	28.835	43.994		572.65
38.715	56.254		315.58	39.089	54.459		614.60
48.775	64.567		335.65	49.545	63.154		651.90
57.844	70.782		350.83	58.192	69.303		678.53
58.017	70.915		351.01	61.584	71.970		688.11
68.364	77.608		365.93	68.479	76.680		706.53
79.118	84.285		378.15	79.214	83.614		730.14
89.576	91.354		387.64	88.321	90.384		746.65
94.253	94.947		390.29	94.237	94.939		754.04
97.900	98.021		391.51	97.934	98.097		757.20
2.113	4.288	80	440.14				

№ 1468

БЕНЗОЛ—ГЕПТАН

[387]

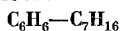


x	y	t	P	x	y	t	P
4.64	9.88	80	454.62	48.57	63.04	80	650.16
8.61	17.29		476.25	58.24	70.09		679.74
20.04	34.73		534.38	69.04	77.59		708.78
27.92	44.12		569.49	78.42	83.84		729.77
38.42	54.64		613.53	89.72	91.49		748.46

№ 1469

БЕНЗОЛ—ГЕПТАН

[22]

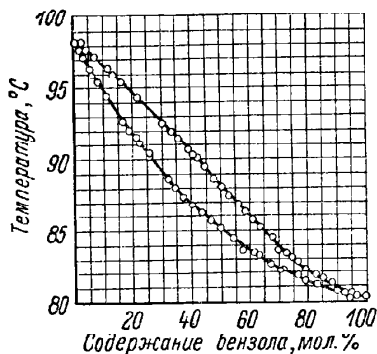
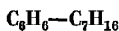


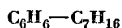
x	y	t	P	x	y	t	P
0.70	1.43	Нет данных	760	59.40	71.00	Нет данных	760
4.81	9.27			60.90	70.15		
7.13	13.36			74.23	81.05		
9.55	17.65			74.92	81.55		
11.15	20.30			80.30	85.00		
14.00	24.91			85.20	88.20		
19.53	32.80			90.60	92.17		
24.15	38.72			90.68	92.17		
28.53	43.59			96.56	96.92		
32.65	48.04			96.58	96.95		
41.00	56.17			98.86	98.94		
46.38	60.72			98.97	99.04		

№ 1470

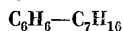
БЕНЗОЛ—ГЕПТАН

[785]

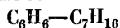
 $P = 760$ мм



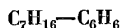
x	y	t	P	x	y	t	P
0	0	98.4	760	100.0	100.0	80.35	760
8.5	17.0	96.7					
16.2	24.6	93.6		0	0	25.0	Нет данных
34.9	53.4	89.0		5.2	19.0		
56.8	71.0	85.1		14.9	35.6		
78.4	84.9	82.8		35.2	58.3		
96.98	—	80.45		56.7	73.0		
97.71	—	80.41		78.7	84.6		
98.46	—	80.39		100.0	100.0		
99.23	—	80.37					



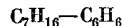
x	y	t	P	γ_1	γ_2
0.0	0.0	56.1	180	1.65	1.00
10.0	24.5	51.5		1.53	1.00
20.0	40.4	48.3		1.43	1.02
30.0	51.6	45.9		1.34	1.04
40.0	60.3	44.2		1.26	1.08
50.0	67.2	42.8		1.18	1.13
60.0	73.4	41.7		1.12	1.21
70.0	79.0	40.9		1.07	1.31
80.0	84.8	40.4		1.03	1.47
90.0	91.4	39.8		1.01	1.68
100.0	100.0	39.5		1.00	2.01
0.0	0.0	77.9	400	1.46	1.00
10.0	21.8	73.9		1.39	1.00
20.0	37.3	70.5		1.33	1.01
30.0	49.0	68.0		1.27	1.03
40.0	58.3	66.0		1.21	1.05
50.0	66.0	64.4		1.16	1.09
60.0	72.7	63.3		1.11	1.15
70.0	78.8	62.1		1.07	1.24
80.0	84.9	61.4		1.03	1.37
90.0	91.6	60.8		1.01	1.56
100.0	100.0	60.3		1.00	1.85



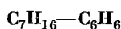
x	y	t	P	x	y	t	P
1.5	3.2	97.63	760	51.0	65.2	84.71	760
5.4	10.6	96.11		54.7	67.9	84.15	
8.5	16.0	95.11		59.4	71.1	83.52	
13.1	23.4	93.64		63.3	73.7	82.99	
15.0	26.3	93.02		69.3	77.7	82.29	
22.6	36.7	90.75		74.8	81.4	81.70	
34.8	50.6	87.80		81.0	85.4	81.12	
41.5	57.0	86.44		87.1	89.6	80.66	
48.0	62.8	85.21		93.5	94.4	80.31	



x	y	t	P	γ_1	γ_2
7.8	12.5	77.3	757	1.776	1.032
10.6	16.4	77.0		1.732	1.026
14.0	19.5	76.5		1.583	1.044
16.2	21.9	76.3		1.547	1.046
19.2	24.2	76.1		1.451	1.059
22.4	26.8	75.9		1.387	1.071
25.1	29.2	75.7		1.357	1.080
28.1	31.8	75.5		1.328	1.091
33.5	35.7	75.4		1.227	1.116
37.8	39.2	75.4		1.222	1.129
43.2	43.2	75.2		1.188	1.162
48.0	46.9	75.4		1.151	1.178
52.5	50.4	75.3		1.138	1.210
57.2	54.1	75.5		1.113	1.236
61.6	57.6	75.5		1.096	1.268
66.2	61.4	75.9		1.077	1.298
70.0	65.2	76.1		1.074	1.310
74.0	68.6	76.3		1.064	1.356
78.5	73.1	76.6		1.055	1.388
83.9	78.5	77.2		1.042	1.458



x	y	t	P	x	y	t	P
16.6	23.3	58.8	412.8	59.1	54.1	59.1	419.7
17.0	23.6	41.4	216.9	58.1	54.4	41.5	220.8
18.0	24.9	41.3	216.9	58.3	56.2	7.9	50.3
18.0	26.4	6.9	46.3	78.2	71.2	60.3	419.3
36.9	38.7	58.1	441.0	77.7	71.2	72.1	220.8
37.1	39.4	40.7	217.5	77.2	71.3	8.2	49.1
36.8	41.0	4.5	42.6				



x	y	t	P	v_1	v_2
0.0	0.0	80.1	760	—	1.00
6.5	9.9	78.9		1.60	1.00
7.3	11.1	78.8		1.60	1.00
9.0	13.1	78.5		1.54	1.00
10.1	14.6	78.4		1.54	1.00
10.3	14.6	78.4		1.51	1.00
12.1	16.5	78.3		1.46	1.00
14.8	19.9	77.9		1.45	1.01
17.1	21.6	77.9		1.37	1.01
25.3	29.1	77.1		1.27	1.04
29.9	32.7	76.9		1.22	1.06
36.9	38.5	76.8		1.17	1.08
42.2	42.5	76.7		1.13	1.11
45.7	45.3	76.7		1.11	1.12
46.0	45.3	76.6		1.11	1.13
48.9	47.5	76.7		1.09	1.14
54.5	52.1	76.8		1.07	1.17
55.8	52.9	76.7		1.06	1.18
63.2	59.1	77.0		1.04	1.22
63.3	59.4	77.0		1.04	1.22
72.7	68.1	77.5		1.02	1.27
77.4	72.6	77.9		1.02	1.30
82.1	77.3	78.3		1.01	1.34
86.1	82.3	78.8		1.01	1.33
88.4	85.0	79.1		1.00	1.33
89.3	86.1	79.1		1.00	1.34
91.2	88.1	79.3		1.00	1.38
95.1	93.3	79.8		1.00	1.38
100.0	100.0	80.5		1.00	—
0.0	0.0	60.6	400	—	1.00
3.7	7.0	60.0		1.93	0.99
6.3	10.8	59.4		1.79	0.99
13.4	19.2	58.8		1.52	0.99
21.9	27.1	58.1		1.35	1.02
33.1	36.1	57.5		1.21	1.07
38.9	40.4	57.7		1.15	1.08
40.7	41.5	57.4		1.14	1.11
45.9	45.9	57.1		1.13	1.13
46.1	46.1	57.4		1.12	1.12
51.9	50.2	57.4		1.08	1.16
54.8	52.1	57.5		1.06	1.19
62.7	58.8	57.5		1.04	1.24
69.1	64.5	57.8		1.03	1.27
79.9	74.3	58.5		1.00	1.38
87.0	83.0	59.2		1.00	1.38
95.3	93.1	60.0		0.99	1.50
100.0	100.0	60.6		1.00	—
0.0	0.0	47.7	250	—	1.00
5.2	9.4	46.8		1.86	1.00
7.0	11.9	45.8		1.82	1.03

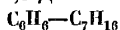
Таблица № 1476 (продолжение)

x	y	t	P	γ_1	γ_2
11.3	17.7	45.3	250	1.71	1.03
18.8	25.1	45.0		1.47	1.05
25.7	31.1	44.8		1.35	1.05
26.8	31.9	44.7		1.33	1.10
39.1	41.1	44.5		1.18	1.26
41.3	42.3	44.2		1.16	1.13
45.9	46.0	44.3		1.14	1.15
54.4	52.1	44.3		1.08	1.21
60.3	56.7	44.2		1.07	1.26
65.0	60.6	44.5		1.05	1.28
70.7	65.7	44.6		1.04	1.33
77.6	72.1	45.1		1.02	1.39
86.5	81.7	45.9		1.01	1.46
90.3	86.1	46.1		1.01	1.53
93.1	90.1	46.6		1.00	1.51
100.0	100.0	47.5		1.00	—

№ 1477

БЕНЗОЛ—2,3-ДИМЕТИЛПЕНТАН

[699]

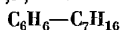


x	y	t	P	x	y	t	P
3.6	6.8	89.1	760	77.6	78.8	79.5	760
7.2	13.2	88.3		82.5	82.5	79.4	
11.5	19.1	87.3		84.2	—	79.5	
12.5	21.8	87.1		84.5	84.2	79.5	
18.1	28.5	85.8		86.2	—	79.5	
24.7	36.0	84.7		88.2	87.3	—	
37.3	49.3	82.8		90.5	—	79.6	
44.5	54.8	81.9		90.8	89.7	—	
48.6	58.5	81.4		91.3	90.0	—	
53.5	62.0	80.9		93.0	—	79.6	
58.5	65.5	80.5		94.3	—	79.7	
61.4	67.5	80.3		94.4	93.3	—	
67.5	71.6	79.9		97.2	—	79.8	
71.4	74.4	79.7		98.0	97.2	—	
75.4	77.0	79.7					

№ 1478

БЕНЗОЛ—2,2,3-ТРИМЕТИЛБУТАН

[590]



x	y	t	P	γ_1	γ_2
0.0	0.0	79.9	736	—	1.000
6.7	9.8	78.9		1.472	0.993
14.1	17.8	78.0		1.306	1.010
21.9	27.0	77.1		1.311	1.013

Таблица № 1478 (продолжение)

x	y	t	P	γ_1	γ_2
28.3	33.8	76.6	736	1.294	1.046
36.0	41.4	76.2		1.260	1.019
43.0	46.1	75.8		1.190	1.065
48.0	50.4	75.7		1.159	1.084
53.2	53.9	75.6		1.130	1.117
56.7	56.7	75.6		1.115	1.134
59.0	58.7	75.6		1.110	1.143
64.7	62.8	75.7		1.069	1.210
71.1	68.1	75.8		1.062	1.244
79.5	74.5	76.2		1.025	1.385
85.8	80.0	76.6		1.006	1.548
90.5	85.7	77.1		1.007	1.632
94.5	91.3	77.7		1.008	1.683
97.2	95.0	78.3		1.000	1.860
100.0	100.0	79.1		1.000	—

№ 1479

БЕНЗОЛ—2,2,3-ТРИМЕТИЛБУТАН

[1984]

 $C_6H_6-C_7H_{18}$

x	y	t	P	x	y	t	P
0.0	0.0	80.84	760	54.4	54.5	76.77	760
10.6	13.7	79.30		61.0	59.6	76.77	
18.6	22.6	78.45		70.7	67.3	77.42	
28.9	33.0	77.55		84.4	76.4	77.72	
40.0	43.0	77.00		90.6	86.2	78.69	
50.0	51.0	76.78		100.0	100.0	80.15	

№ 1480

БЕНЗОЛ— m -КСИЛОЛ

[617]

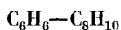
 $C_6H_6-C_8H_{10}$

x	y	t	P , атм	x	y	t	P , атм
0	0	120	—	90.0	96.4	120	2.87
10.0	—		—	100.0	100.0		3.08
20.0	44.9		1.16	0	0	140	1.03
30.0	57.6		1.44	10.0	26.9		1.49
40.0	67.3		1.71	20.0	43.5		1.88
50.0	75.3		1.97	30.0	56.1		2.27
60.0	82.0		2.22	40.0	67.4		2.70
70.0	87.2		2.45	50.0	76.3		3.12
80.0	92.1		2.67	60.0	82.9		3.49

Таблица № 1480 (продолжение)

x	y	t	P , ата	x	y	t	P , ата
70.0	88.4	140	3.83	100.0	100.0	220	20.00
80.0	92.8		4.18	0	0	240	8.57
90.0	96.8		4.50	10.0	20.2		10.59
100.0	100.0		4.82	20.0	35.2		12.38
0	0	160	1.76	30.0	47.6		14.34
10.0	25.4		2.35	40.0	58.3		16.05
20.0	41.3		2.92	50.0	68.3		17.90
30.0	55.0		3.38	60.0	76.6		19.74
40.0	65.9		4.10	70.0	83.8		21.38
50.0	75.2		4.70	80.0	89.9		23.10
60.0	82.8		5.29	90.0	95.3		24.81
70.0	88.4		5.82	100.0	100.0		26.58
80.0	93.0		6.32	0	0	260	11.79
90.0	97.0		6.78	10.0	18.9		14.34
100.0	100.0		7.21	20.0	32.9		16.58
0	0	180	2.76	30.0	44.7		18.82
10.0	25.3		3.62	40.0	54.5		21.06
20.0	41.0		4.47	50.0	64.0		23.29
30.0	53.6		5.33	60.0	72.8		25.66
40.0	64.7		6.21	70.0	80.9		28.03
50.0	73.1		7.01	80.0	87.9		30.27
60.0	80.2		7.76	90.0	94.2		32.50
70.0	86.3		8.49	100.0	100.0		34.74
80.0	91.7		9.15	0	0	280	15.92
90.0	96.2		9.78	10.0	16.2		18.98
100.0	100.0		10.46	20.0	29.5		21.71
0	0	200	4.17	30.0	40.7		24.58
10.0	22.3		5.26	40.0	51.7		27.37
20.0	37.6		6.33	50.0	60.3		30.14
30.0	50.7		7.50	60.0	69.1		32.90
40.0	62.1		8.70	70.0	78.2		35.79
50.0	71.2		9.80	80.0	86.2		38.82
60.0	78.8		10.79	90.0	93.9		41.85
70.0	85.5		11.80	100.0	100.0		44.35
80.0	91.3		12.33	0	0	300	20.92
90.0	96.0		13.82	10.0	13.5		24.74
100.0	100.0		14.63	20.0	26.1		28.16
0	0	220	6.05	30.0	37.5		31.58
10.0	21.0		7.46	40.0	47.3		34.87
20.0	36.2		8.88	50.0	56.9		38.30
30.0	48.7		10.30	60.0	66.4		41.71
40.0	59.9		11.80	70.0	76.0		45.40
50.0	69.4		13.29	0	0	310	23.69
60.0	77.3		14.74	10.0	12.9		27.57
70.0	84.3		16.12	20.0	23.9		31.19
80.0	89.9		17.30	30.0	34.7		34.74
90.0	95.0		18.56				

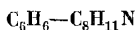
БЕНЗОЛ—ЭТИЛБЕНЗОЛ



x	y	t	P
7.1	38.0	126	760
18.6	63.8	117	
32.7	76.8	106	
43.9	83.6	100	
73.8	94.8	87	

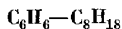
Примечание. Данные рассчитаны по графикам, приведенным в статье.

БЕНЗОЛ—ДИМЕТИЛАНИЛИН

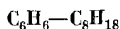


x	y	t	P	x	y	t	P
0.00	0.00	70	8.2	74.51	99.41	70	397.9
25.83	94.54		129.9	75.59	99.40		403.3
39.34	97.18		205.0	80.10	99.46		431.3
54.71	98.50		288.9	88.03	99.72		474.7
64.63	99.02		341.9	93.82	99.83		509.6
65.56	99.04		349.6	98.18	99.99		536.1
70.62	99.27		375.6				

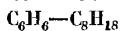
БЕНЗОЛ—ОКТАН



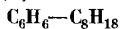
x	y	t	P	x	y	t	P
0.0	0.0	125.50	760	40.5	74.0	97.20	760
11.3	37.8	114.85		51.2	81.4	92.40	
11.7	37.9	114.80		52.4	81.9	92.10	
12.2	38.3	113.75		53.0	82.3	91.95	
13.3	41.5	113.20		65.0	88.2	88.40	
21.8	55.6	107.10		65.9	88.6	88.15	
22.5	57.4	106.00		76.1	92.4	85.35	
22.8	57.0	106.05		76.4	92.5	85.20	
37.9	72.4	97.90		90.3	97.1	82.30	
39.6	73.5	97.35		91.0	97.4	82.10	
39.9	73.9	96.85		100.0	100.0	80.15	



x	y	t	P	x	y	t	P
0.0	0.0	99.25	760	58.7	70.8	83.15	760
7.0	14.5	96.38		66.2	75.6	82.22	
8.8	17.9	95.60		67.6	76.3	82.15	
13.3	25.3	93.75		73.9	80.6	81.41	
17.0	31.0	92.48		75.6	81.6	81.33	
24.7	41.1	90.08		80.6	84.9	80.88	
24.9	41.8	89.92		83.4	86.9	80.70	
34.6	51.6	87.63		87.4	89.4	80.52	
36.6	52.6	87.28		91.8	92.8	80.29	
42.6	59.2	85.91		92.6	93.4	80.24	
48.3	62.7	85.00		96.3	96.5	80.17	
49.7	64.8	84.55		98.8	98.9	80.12	
54.0	67.6	83.72		100.0	100.0	80.10	



x	y	t	P	x	y	t	P
0	0	99.3	760	96.6	—	80.05	760
7.3	16.5	97.3		97.28	—	80.05	
15.8	32.1	94.1		97.96	—	80.05	
34.6	54.2	89.0		98.64	—	80.05	
56.9	70.5	84.9		99.32	—	80.05	
78.9	84.8	82.4		100.0	—	80.04	
91.16	—	80.15		0	0	25	
92.52	—	80.10		8.4	18.5		46.5
93.2	—	80.10		15.8	42.2		54.5
93.88	—	80.08		35.0	56.3		63.0
94.56	—	80.08		57.3	71.3		77.0
95.24	—	80.05		78.9	83.8		87.0
95.92	—	80.05		100.0	100.0		93.0
							94.6



x	y	t	P	x	y	t	P
8.86	21.37	35.0	91.20	83.75	86.40	35.0	148.18
16.01	33.82		100.62	98.84	98.65		148.62
33.43	54.63		120.23	7.93	48.94		136.44
43.43	62.42		127.84	18.36	36.43		156.19
50.61	67.31		133.58	33.58	53.64		179.71

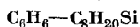
Таблица № 1486 (продолжение)

x	y	t	P	x	y	t	P
35.74	55.58	45.0	182.66	98.72	98.63	55.0	327.39
51.25	67.38		200.62	22.30	40.33	65.0	338.62
55.12	69.98		204.21	39.81	57.99		387.86
84.25	86.94		222.74	54.60	68.82		449.95
98.80	98.65		223.89	60.60	73.87		430.65
8.19	18.69	55.0	201.74	85.48	88.06		461.65
21.92	40.65		236.86	8.79	18.70	75.0	407.64
35.84	55.09		266.04	38.62	56.36		533.66
38.31	57.48		270.73	55.58	69.23		584.27
52.56	67.86		293.36	66.73	76.70		610.11
59.24	72.93		302.07	85.90	88.57		640.86
84.78	87.41		324.66	98.75	98.72		648.69

№ 1487

БЕНЗОЛ—ТЕТРАЭТИЛСИЛАН

[360]

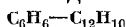


x	y	t	P	x	y	t	P
0.00	0.00	20	3.66	74.50	97.53	35	122.5
11.04	79.26		16.18	92.40	99.14		142.4
23.29	88.91		27.66	94.64	99.40		144.3
49.75	95.05		47.81	100.00	100.00		150.8
76.90	98.08		63.68	0.00	0.00	50	19.43
89.22	98.86		70.03	9.36	67.80		54.7
94.51	99.40		73.28	25.07	85.42		102.0
100.00	100.00		75.81	51.26	93.81		168.7
0.00	0.00	35	8.7	75.52	97.20		223.8
8.21	71.58		28.2	90.41	98.87		255.4
24.17	87.64		54.5	100.00	100.00		276.3
49.92	94.61		92.3				

№ 1488

БЕНЗОЛ—ДИФЕНИЛ

[511]



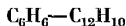
x	y	t	P	γ_1	x	y	t	P	γ_1
69.60	100.00	25	67.92	1.024	59.49	99.99	35	91.10	1.031
84.80	100.00		81.71	1.011	66.18	99.99		100.45	1.022
85.47	100.00		82.19	1.009	69.56	99.99		105.27	1.019
88.00	100.00		84.54	1.008	84.74	99.99		126.99	1.009
92.18	100.00		87.95	1.001	85.41	100.00		127.73	1.007
51.03	99.98	35	79.20	1.045	87.96	100.00		131.41	1.006
56.61	99.98		87.27	1.038	92.16	100.00		137.00	1.001

x	y	t	P	γ_1	x	y	t	P	γ_1
40.20	99.94	45	94.98	1.054	68.39	99.95	65	323.69	1.015
50.76	99.96		118.39	1.043	69.32	99.96		329.74	1.017
56.38	99.97		130.48	1.035	69.59	99.96		331.02	1.017
59.28	99.97		136.66	1.031	71.17	99.96		336.16	1.013
65.98	99.98		150.76	1.022	73.07	99.96		346.14	1.013
69.50	99.98		158.03	1.017	80.82	99.97		379.42	1.007
84.66	99.99		191.16	1.010	82.56	99.97		388.59	1.007
85.34	99.99		192.32	1.008	84.40	99.98		395.82	1.006
87.91	99.99		197.70	1.006	85.10	99.98		398.30	1.004
92.14	100.00		206.19	1.001	87.33	99.99		407.92	1.002
28.54	99.85	55	100.03	1.069	87.74	99.99	75	409.82	1.002
33.44	99.88		116.51	1.063	92.06	99.99		430.84	1.004
39.88	99.91		137.22	1.050	15.64	99.30		110.76	1.085
50.42	99.94		171.44	1.038	27.40	99.65		188.92	1.060
56.08	99.95		189.57	1.032	32.86	99.73		225.10	1.054
59.01	99.96		198.69	1.028	45.13	99.83		305.89	1.044
65.76	99.97		219.68	1.020	49.37	99.86		332.31	1.037
69.43	99.97		231.01	1.016	49.41	99.88		331.94	1.035
84.54	99.98		279.02	1.008	53.74	99.88		359.20	1.030
85.23	99.99		281.30	1.008	55.20	99.89		368.22	1.028
87.83	99.99	65	289.30	1.006	58.20	99.90	75	387.43	1.026
92.10	99.99		301.86	1.001	58.99	99.90		391.52	1.023
15.83	99.55		81.53	1.100	63.78	99.92		422.01	1.020
28.03	99.77		139.07	1.062	65.14	99.93		430.98	1.020
33.17	99.82		164.02	1.059	68.22	99.94		449.11	1.015
39.37	99.86		192.39	1.047	69.20	99.94		455.55	1.015
45.41	99.89		222.06	1.048	70.97	99.95		465.79	1.012
49.64	99.90		240.61	1.039	72.86	99.95		477.70	1.011
49.98	99.90		241.32	1.035	80.70	99.96		526.92	1.007
53.98	99.92		259.85	1.032	82.40	99.97		538.53	1.008
55.69	99.93	65	267.30	1.029	84.21	99.97	75	550.89	1.009
58.65	99.94		280.65	1.026	84.93	99.97		553.94	1.006
59.24	99.94		283.30	1.025	87.55	99.98		569.86	1.004
63.99	99.95		304.68	1.021	92.00	99.99		599.37	1.005
65.49	99.95		310.89	1.018					

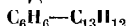
№ 1489

БЕНЗОЛ—ДИФЕНИЛ

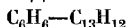
[1033]



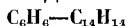
x	y	t	P	x	y	t	P
0.0	0.0	283.7	1520	60.0	99.4	125.3	1520
10.0	82.5	213.8		70.0	99.7	117.9	
20.0	94.2	176.6		80.0	99.8	112.8	
30.0	97.1	157.3		90.0	99.9	108.5	
40.0	98.2	143.8		100.0	100.0	105.1	
50.0	99.1	133.7					



x	y	t	P	γ_1	x	y	t	P	γ_1
31.01	99.65	25	28.77	0.970	74.98	99.93	45	166.22	0.991
32.27	99.70		30.30	0.982	30.57	99.42	55	97.25	0.966
40.07	99.79		37.83	0.988	31.93	99.46		102.16	0.972
43.74	99.81		41.56	0.995	39.73	99.62		127.84	0.979
49.90	99.85		47.49	0.997	43.33	99.67		139.62	0.981
53.76	99.88	35	50.94	0.993	49.60	99.74		160.69	0.987
75.06	99.94		71.29	0.996	53.42	99.78		173.01	0.987
30.90	99.60		44.65	0.969	74.92	99.92		243.77	0.993
32.19	99.62		46.78	0.975	30.33	99.32	65	137.64	0.967
39.99	99.73		58.67	0.985	31.73	99.36		144.37	0.970
43.65	99.77	45	64.06	0.986	39.54	99.55		181.25	0.979
49.83	99.82		73.46	0.991	43.10	99.61		197.64	0.980
53.68	99.85		78.88	0.988	49.44	99.70		227.89	0.986
75.02	99.94		110.47	0.991	53.23	99.74		245.27	0.986
30.76	99.51		66.89	0.968	74.84	99.90		347.08	0.994
32.08	99.54		70.24	0.975	30.03	99.19	75	189.17	0.964
39.88	99.68		87.89	0.983	42.77	99.54		272.66	0.979
43.51	99.72		95.97	0.984	49.23	99.65		345.11	0.984
49.73	99.78		110.30	0.990	52.99	99.70		339.35	0.985
53.57	99.81		118.77	0.990	74.15	99.88		477.84	0.993



На основании данных, полученных в интервале температур 25—75 установлено, что система практически подчиняется закону Рауля.



x	y	t	P	γ_1	x	y	t	P	γ_1
61.10	99.96	25	57.90	0.994	77.15	99.98	45	172.33	0.999
66.23	99.97		63.13	0.999	86.57	99.99		193.54	1.000
77.32	99.98		73.70	1.000	88.50	99.99		198.44	1.003
88.62	99.99		84.38	0.999	49.45	99.89	55	159.96	0.987
88.59	99.99		84.77	1.004	60.40	99.93		196.89	0.995
60.94	99.97	35	90.08	0.995	65.65	99.95		213.97	0.995
66.09	99.97		97.79	0.996	77.02	99.97		251.98	0.999
77.25	99.98		114.63	0.999	86.54	99.98		282.99	0.999
86.59	99.99		128.47	0.999	88.42	99.99		290.11	1.002
88.55	99.99		131.78	1.002	47.92	99.86	65	220.53	0.986
48.85	99.94	45	108.09	0.989	60.01	99.92		278.82	0.996
60.71	99.95		135.24	0.996	65.33	99.93		303.48	0.996
65.91	99.96		146.95	0.997	76.85	99.96		357.97	0.999

Таблица № 1492 (продолжение)

x	y	t	P	γ_1	x	y	t	P	γ_1
86.44	99.98	65	402.98	1.000	64.88	99.92	75	449.16	0.996
88.33	99.98		413.01	1.003	76.63	99.96		496.40	0.999
47.27	99.89	75	304.93	0.984	86.36	99.98		558.76	0.998
59.58	99.91		386.14	0.994	88.20	99.98		572.94	1.002

№ 1493

 β -ПИКОЛИН—ФЕНОЛ

[829]

 $C_6H_7N-C_6H_6O$

x	y	t	P	x	y	t	P
23.0	8.3	143.5	200	23.5	17.3	177.8	600
26.5	14.5	145.2		28.0	30.0	178.0	
28.0	20.6	145.0		34.5	48.2	176.9	
28.5	21.0	146.3		44.8	78.0	170.7	
34.5	43.0	145.1		47.3	84.7	167.5	
37.5	55.0	144.1		50.0	89.5	163.8	
38.5	56.3	143.8		55.7	94.5	157.5	
45.0	75.5	139.7		56.5	95.0	156.1	
52.5	93.0	126.5		75.2	98.5	141.0	
70.5	99.0	110.0		9.0	5.0	183.1	760
10.0	2.3	159.2	400	17.5	11.0	184.5	
16.5	4.5	161.3		23.7	21.0	186.0	
24.0	18.8	165.0		28.0	34.0	186.3	
26.0	21.0	166.4		32.2	45.2	185.5	
33.0	42.2	166.1		37.5	57.5	183.8	
41.0	65.6	161.5		43.5	70.3	180.6	
51.5	91.5	151.3		46.8	78.8	176.8	
72.2	99.0	128.9		48.3	84.0	174.8	
79.0	99.5	124.0		57.0	93.0	165.0	
17.5	8.3	175.4	600	87.5	90.6	145.5	

№ 1494

 γ -ПИКОЛИН—ФЕНОЛ

[829]

 $C_6H_7N-C_6H_6O$

x	y	t	P	x	y	t	P
19.5	7.5	186.5	760	75.0	98.0	152.5	760
28.0	18.0	189.5		83.5	98.5	148.8	
33.0	35.7	190.3		91.0	99.5	146.1	
37.5	52.0	188.8		24.0	10.0	177.5	600
42.7	68.0	185.1		29.5	22.0	180.9	
49.2	80.7	179.2		33.0	34.5	181.6	
53.0	87.5	174.4		38.0	52.5	180.1	
67.0	97.0	159.0		42.2	67.0	176.7	

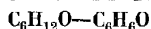
Таблица № 1494 (продолжение)

x	y	t	P	x	y	t	P
50.0	83.5	170.2	600	81.5	99.5	128.0	400
57.2	91.7	161.6		89.7	99.7	124.1	
65.7	96.5	152.5		27.5	7.5	142.5	200
76.0	99.0	143.2		31.0	19.5	146.5	
86.5	99.5	139.3		36.0	39.2	147.2	
93.5	99.7	138.0	400	39.5	53.5	145.6	
27.0	12.5	165.0		43.5	70.0	142.0	
31.5	26.0	167.8		50.0	85.2	134.8	
34.0	35.5	168.4		57.7	94.0	123.5	
39.0	54.0	168.5		66.5	98.0	114.5	
41.3	62.0	164.0		76.0	99.0	107.7	
46.5	76.8	159.5		85.0	99.5	105.0	
47.0	78.2	158.7		93.0	99.7	103.1	
56.0	91.7	148.3					

№ 1405

ЦИКЛОГЕКСИЛОВЫЙ СПИРТ—ФЕНОЛ

[460]

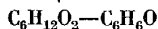


x	y	t	P	γ_1	γ_2
26.0	26.0	111.0	70	0.530	1.03
15.7	12.6	119.0	90	0.520	0.994
28.4	30.5	119.2		0.520	0.971
35.4	41.7	118.9		0.574	0.912
43.0	54.7	118.0		0.636	0.831
51.4	67.6	116.0		0.713	0.750
67.1	85.5	111.3		0.837	0.601
70.5	87.8	111.0		0.824	0.565
79.5	94.5	107.8		0.891	0.420
79.2	93.4	107.6		0.906	0.500
80.1	94.4	106.9		0.930	0.450
93.1	98.7	104.3		0.927	0.380
97.7	99.63	102.4		0.986	0.320

№ 1406

БУТИЛАЦЕТАТ—ФЕНОЛ

[675]



x	y	t	P	γ_1	γ_2
9.9	19.5	134.9	200	0.402	1.000
12.2	24.5	133.55		0.428	1.000
14.1	28.3	133.0		0.448	1.000
16.1	33.8	132.0		0.468	1.000
18.8	40.0	130.8		0.490	0.996

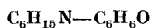
Таблица № 1496 (продолжение)

x	y	t	P	γ_1	γ_2
24.4	51.9	128.4	200	0.524	0.940
31.8	65.6	122.95		0.596	0.916
39.3	76.8	118.25		0.650	0.832
41.4	79.0	110.7		0.670	0.806
44.3	83.6	114.15		0.712	0.754
52.8	90.6	107.25		0.806	0.674
57.7	93.3	104.35		0.824	0.604
59.4	94.1	102.3		0.876	0.604
69.0	96.8	96.0		0.962	0.564
74.4	98.2	94.65		0.950	0.470
79.5	98.7	92.55		0.962	0.403
83.9	99.2	90.6		0.985	0.345
89.4	99.6	88.95		0.985	0.283
0.0	0.0	181.8	760	—	1.000
13.0	27.2	175.6		0.603	0.985
16.6	34.8	174.2		0.623	0.959
21.6	44.4	170.75		0.661	0.967
26.3	54.5	167.2		0.721	0.938
28.6	58.8	166.0		0.735	0.910
33.4	65.0	163.1		0.752	0.891
39.0	74.0	159.2		0.796	0.831
46.1	79.6	154.5		0.812	0.859
53.8	86.8	149.05		0.869	0.776
66.9	92.9	141.5		0.909	0.754
79.6	97.2	134.8		0.958	0.634
86.0	98.1	132.15		0.963	0.665
89.1	98.8	130.6		0.978	0.571
95.0	99.5	128.6		0.978	0.558
100.0	100.0	126.1		1.000	—

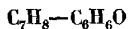
№ 1497

ТРИЭТИЛАМИН—ФЕНОЛ

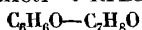
[157]



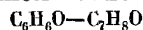
x	y	t	P	x	y	t	P
0.0	0.0	15	0.11	48.2	99.9	15	13.2
18.9	75.6		0.16	57.7	99.9		20.7
23.7	96.9		0.98	74.7	99.9		31.6
31.7	99.4		4.70	100.0	100.0		42.0
38.3	99.7		7.90				



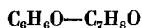
x	y	t	P	γ_1	γ_2
4.35	34.1	172.7	760	1.700	0.920
8.72	51.2	159.4		1.920	1.248
11.80	62.1	153.8		1.760	1.020
12.48	62.5	149.4		1.810	1.165
21.9	78.5	142.2		1.505	1.100
27.5	80.7	133.8		1.570	1.250
40.8	87.25	128.3		1.310	1.220
48.0	89.01	126.7		1.190	1.290
58.98	91.59	122.2		1.120	1.501
63.48	92.8	120.2		1.104	1.535
65.12	92.6	120.0		1.075	1.650
74.0	94.63	119.7		1.065	1.780
77.3	95.36	119.4		0.960	1.590
80.12	95.45	115.6		1.020	2.000
88.4	97.5	112.7		1.035	2.230
91.08	97.96	112.2		1.000	2.410
93.94	98.61	113.3		0.960	2.385
97.7	99.48	111.1		0.983	2.560
99.1	99.8	111.1		0.970	2.570
99.39	99.86	110.5		1.010	2.290
99.73	99.93	110.5		1.000	2.900

ФЕНОЛ—*o*-КРЕЗОЛ

x	y	t	P
0.0	0.0	191.8	760
20.2	25.3	—	
36.8	43.4	—	
38.0	43.8	—	
62.2	67.9	—	
78.0	82.1	—	
83.3	87.5	—	
94.4	95.6	—	
100.0	100.0	182.0	

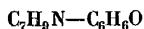
ФЕНОЛ—*m*-КРЕЗОЛ

x	y	t	P
0.0	0.0	202.1	760
18.0	29.0	—	
30.1	44.7	—	
54.7	67.3	—	
74.7	84.9	—	
92.3	95.4	—	
98.0	98.8	—	
100.0	100.0	182.0	

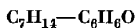
ФЕНОЛ—*n*-КРЕЗОЛ

x	y	t	P
0.0	0.0	202.5	760
22.3	33.0	—	—
24.0	35.1	—	—
35.8	47.8	—	—
60.3	72.6	—	—
77.0	85.8	—	—
92.5	95.2	—	—
100.0	100.0	182.0	—

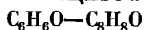
2,6-ДИМЕТИЛПИРИДИН (ЛУТИДИН)—ФЕНОЛ



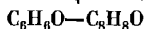
x	y	t	P	x	y	t	P
15.5	2.5	138.5	200	18.5	11.6	176.8	600
26.2	14.0	142.5	—	26.5	28.5	178.7	—
30.0	23.0	143.2	—	29.5	33.5	178.5	—
32.0	29.7	143.3	—	37.5	50.3	177.3	—
37.5	43.4	142.7	—	43.5	63.5	174.3	—
41.5	56.0	141.3	—	46.5	69.5	172.5	—
48.0	73.2	135.9	—	53.0	85.0	164.0	—
55.0	90.0	127.6	—	57.0	91.0	158.1	—
64.0	96.0	117.5	—	62.5	95.0	151.3	—
70.0	98.5	111.0	—	71.8	98.5	143.6	—
81.0	99.5	106.7	—	83.3	99.0	139.5	—
17.0	0.7	161.5	400	18.5	13.7	184.5	700
27.5	23.0	163.6	—	20.0	16.3	185.0	—
29.0	28.0	163.8	—	27.5	33.5	185.8	—
35.0	42.0	162.0	—	39.5	56.0	181.7	—
41.0	57.0	160.4	—	46.0	68.5	177.9	—
48.0	73.2	154.9	—	52.0	79.3	174.8	—
53.2	85.2	147.0	—	55.0	87.0	167.9	—
61.0	94.0	137.5	—	66.5	96.0	155.5	—
67.0	97.0	131.2	—	75.8	98.5	150.0	—
87.0	99.5	124.5	—	87.0	99.5	145.0	—
12.5	5.0	174.0	600	—	—	—	—



x	y	t	P	γ_1	γ_2
11.40	67.75	150.0	760	1.630	1.02
26.20	87.10	130.0		1.560	1.04
38.00	88.40	120.0		1.290	1.41
65.20	90.88	112.2		1.000	2.76
90.26	93.84	105.6		0.895	8.80
95.18	96.83	102.5		0.960	10.75
96.11	97.41	102.2		0.970	11.14
98.74	99.14	101.7		0.972	12.13
99.52	99.63	101.1		0.980	14.16



x	y	t	P
17.4	17.2	Нет данных	760
25.4	26.9		
36.5	41.3		
42.6	49.5		
46.8	54.4		
55.8	64.8		
63.8	74.9		
66.9	78.1		
89.6	94.5		



x	y	t	P	γ_1	γ_2
0.0	0.0	133.0	100	—	1.000
9.0	6.7	134.5		0.442	1.000
10.7	8.0	134.9		0.436	0.999
14.0	11.5	135.2		0.475	0.988
16.7	14.0	135.5		0.479	0.981
18.0	15.7	135.6		0.497	0.973
24.9	24.1	135.7		0.549	0.959
24.9	23.6	135.7		0.540	0.960
24.9	24.2	135.7		0.552	0.952
28.2	27.6	135.7		0.556	0.951
32.8	34.5	135.7		0.598	0.919

Таблица № 1505 (продолжение)

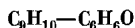
x	y	t	P	γ_1	γ_2
35.6	38.5	135.5	100	0.620	0.908
44.1	50.8	134.7		0.679	0.860
44.8	52.1	134.5		0.691	0.857
51.3	61.1	133.5		0.734	0.815
62.3	76.2	131.0		0.824	0.707
72.0	86.8	128.2		0.901	0.583
81.4	93.7	125.9		0.937	0.455
94.4	99.0	122.3		0.978	0.286
100.0	100.0	121.1		1.000	—
0.0	0.0	167.5	300	—	1.000
11.9	10.3	168.3		0.503	1.000
11.9	10.7	168.3		0.517	0.991
17.2	16.3	168.5		0.548	0.981
20.1	20.9	168.6		0.599	0.958
20.9	21.3	168.6		0.581	0.963
21.9	22.8	168.5		0.598	0.960
24.0	25.3	168.5		0.603	0.953
24.3	25.1	168.5		0.596	0.958
24.4	25.5	168.4		0.603	0.962
25.7	27.2	168.4		0.611	0.953
28.7	31.6	168.4		0.637	0.935
32.4	36.0	168.3		0.642	0.924
34.5	39.8	168.0		0.675	0.904
36.4	41.0	167.6		0.677	0.897
43.3	53.1	166.7		0.747	0.849
51.7	62.8	165.2		0.776	0.826
66.5	81.2	160.9		0.891	0.688
70.5	84.3	159.6		0.908	0.678
74.1	87.7	158.4		0.936	0.629
82.0	92.9	156.0		0.967	0.565
83.5	94.4	155.5		0.980	0.498
90.8	97.3	153.6		0.991	0.457
100.0	100.0	151.2		1.000	—

№ 1506

ИЗООКТАН ФЕНОЛ
 $C_8H_{18}-C_6H_6O$

[404]

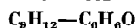
x	y	t	P	γ_1	γ_2
23.80	88.80	125.6	760	1.83	0.915
42.70	93.64	113.3		1.46	1.130
66.60	91.40	107.8		0.82	2.200
90.15	94.59	103.9		1.01	9.000
95.30	96.93	101.1		1.00	11.20
95.46	97.04	101.1		1.00	11.15
97.95	98.64	100.6		1.00	11.50
98.92	99.14	100.6		1.00	13.80
99.59	99.66	100.0		1.00	14.40

α -МЕТИЛСТИРОЛ—ФЕНОЛ

x	y	t	P
7.5	16.5	176.5	760
18.0	36.5	173.4	
23.0	37.5	170.4	
24.0	39.0	170.7	
27.0	42.5	168.9	
32.0	50.0	167.7	
39.5	56.5	166.5	
42.5	57.5	166.9	
51.0	62.0	165.7	
59.5	69.5	164.6	
68.8	75.5	164.3	
73.0	80.0	163.1	
84.5	87.0	162.4	

ИЗОПРОПИЛБЕНЗОЛ—

ФЕНОЛ

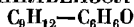


x	y	t	P
12.4	38.8	Нет данных	760
19.4	49.4		
25.1	57.9		
31.2	61.0		
34.5	63.4		
41.4	71.6		
48.9	73.3		
62.7	79.7		
63.8	79.7		
75.5	84.9		
85.8	91.5		
94.1	95.6		
97.4	97.9		

№ 1509

ИЗОПРОПИЛБЕНЗОЛ—ФЕНОЛ

[24]

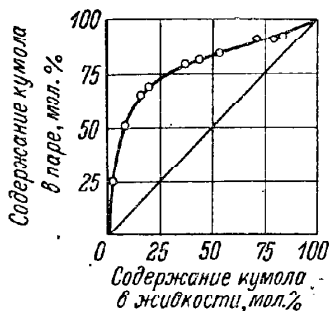
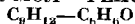


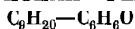
x	y	t	P	x	y	t	P
1.96	5.83	178.0	760	34.5	56.6	160.7	760
3.16	10.5	176.2		36.2	60.3	158.9	
5.83	18.1	173.6		40.5	64.6	157.0	
8.83	27.8	170.4		50.9	69.0	154.7	
12.1	34.3	168.5		57.7	73.0	154.0	
17.2	40.0	166.6		81.6	85.8	151.8	
25.6	53.0	161.6		91.2	92.5	150.8	
26.5	53.5	162.0					

№ 1510

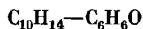
КУМОЛ—ФЕНОЛ

[1055]

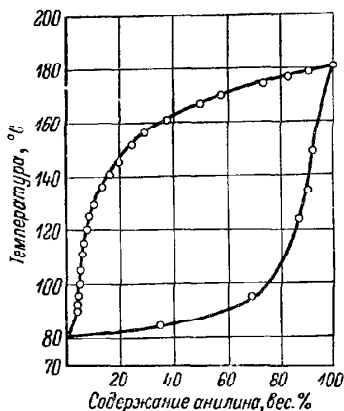
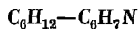
 $P = 50 \text{ мм}$

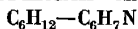


x	y	t	P	γ_1	γ_2
96.48	96.59	126.1	760	1.00	6.01
99.36	99.36	124.4		0.99	6.62
99.71	99.71	124.4		0.99	6.62

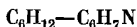


x	y	t	P	x	y	t	P
0.0	0.0	182.2	760	59.4	60.0	167.0	760
2.8	7.4	178.6		62.6	60.3	166.5	
2.9	14.4	177.5		69.3	67.1	167.3	
6.8	25.0	175.2		62.6	60.3	166.5	
12.1	33.0	172.9		69.3	67.1	167.3	
19.6	39.5	170.9		72.9	68.0	168.0	
28.6	46.5	168.4		77.9	72.4	169.9	
34.8	48.9	167.4		82.6	76.6	170.9	
52.3	58.0	167.3		100.0	100.0	173.0	
52.8	58.2	167.2					

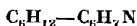

 $P = 745 \text{ мм}$



x	y	t	P	γ_1	γ_2
9.7	88.1	117.6	760	3.57	1.05
10.9	89.45	112.5		3.60	1.14
12.9	91.2	108.2		3.42	1.15
14.4	92.1	105.4		3.33	1.18
15.6	93.2	102.4		3.27	1.17
23.4	95.4	94.3		2.78	1.23
9.9	93.75	83.1	350	4.14	1.15
12.4	95.7	75.9		4.16	1.15
15.5	96.7	70.7		3.99	1.24
19.8	97.6	67.6		3.47	1.14



x	y	t	P	γ_1	γ_2
17.6	92.9	119.3	1180	3.03	1.00
21.0	92.8		1245	2.80	1.09
28.1	94.0		1394	2.27	1.13
46.0	95.3		1624	1.62	1.36
50.8	95.5		1653	1.49	1.46
51.8	95.4		1657	1.47	1.52
58.2	95.9		1701	1.34	1.58
64.3	95.9		1775	1.27	1.92
80.7	97.0		1861	1.07	2.75
82.7	97.1		1916	1.07	2.99
87.0	—		1928	—	—



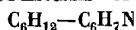
x	y	t	P	γ_1	γ_2
72.85	99.11	40	170.0	1.240	3.19
76.35	99.12		170.3	1.188	3.61
80.48	99.13		171.1	1.137	4.29
84.03	99.16		172.0	1.096	5.13
85.88	99.18		172.4	1.076	5.67
88.66	99.22		173.6	1.051	6.68
90.19	99.26		174.8	1.040	7.33
91.74	99.32		175.7	1.030	8.14
93.25	99.38		176.8	1.019	9.19
93.43	99.39		177.0	1.019	9.22

x	y	t	P	γ_1	γ_2
94.64	99.45	40	178.0	1.013	10.1
95.70	99.51		178.9	1.007	11.3
95.81	99.54		179.2	1.008	11.1
96.76	99.60		180.1	1.005	12.3
96.78	99.61		180.4	1.006	12.3
96.82	99.61		180.2	1.004	12.2
96.95	99.62		180.5	1.005	12.7
97.62	99.69		181.2	1.003	13.2
97.68	99.69		181.1	1.001	13.5
97.87	99.71		181.5	1.002	13.6
98.44	99.775		182.2	1.002	14.6
98.50	99.784		182.3	1.002	14.6
98.57	99.790		182.0	0.999	14.7
98.89	99.835		183.0	1.002	15.2
98.96	99.843		182.9	1.001	15.4
99.175	99.876		183.2	1.001	15.7
99.282	99.880		183.4	1.001	15.7
99.598	99.936		184.0	1.001	16.2
99.797	99.967		184.0	1.001	16.8
99.896	99.983		184.3	1.001	16.6

№ 1517

ЦИКЛОГЕКСАН—АНИЛИН

[613]



x	y	t	P	γ_1	γ_2
68.25	98.80	50	246.7	1.317	2.455
79.75	98.92		249.44	1.140	3.785
89.05	99.0		254.71	1.043	6.615
90.22	99.12		255.58	1.036	6.968
13.7	97.01	70	315.79	4.156	1.000
16.15	97.3		343.62	3.843	1.009
21.21	97.64		385.35	3.285	1.048
26.47	97.84		413.3	2.826	1.100
36.86	98.0		439.86	2.16	1.259
42.8	98.08		452.18	1.913	1.370
49.0	98.14		461.33	1.705	1.518
57.22	98.2		469.04	1.485	1.780
67.65	98.31		478.79	1.283	2.253
78.9	98.40		489.41	1.126	3.215
88.7	98.73	90	504.92	1.035	5.100
90.9	98.84		511.06	1.023	5.719
11.2	94.04		447.52	3.878	1.000
15.77	95.31		550.14	3.415	1.007

№ 1518

[805]

ЦИКЛОГЕКСИЛОВЫЙ
СПИРТ—АНИЛИН
 $C_6H_{12}O-C_6H_7N$

x	y	t	P
3.5	7.9	182.5	760
8.8	18.1	180.0	
27.6	44.6	173.2	
35.5	53.5	170.8	
44.4	60.8	168.6	
50.8	66.2	167.1	
68.2	79.0	164.6	
80.7	87.3	163.1	
91.7	94.5	161.8	

№ 1519

[805]

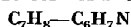
ЦИКЛОГЕКСИЛАМИН—
АНИЛИН
 $C_6H_{13}N-C_6H_7N$

x	y	t	P
2.8	10.5	181.45	760
9.1	28.1	175.8	
14.0	39.4	171.8	
19.7	49.5	168.1	
26.0	57.4	164.3	
42.8	74.0	155.9	
51.8	79.7	151.5	
62.0	85.8	147.1	
76.1	92.4	142.3	
89.0	96.4	137.5	

№ 1520

ТОЛУОЛ—АНИЛИН

[609]

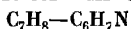


x	y	t	P
10.0	90.6	134.5	760
15.0	91.0	129.5	
20.0	92.5	126.4	
30.0	95.0	123.2	
41.06	96.0	120.5	

№ 1521

ТОЛУОЛ—АНИЛИН

[962]



x	y	t	P	γ_1	γ_2
10.15	77.22	80.00	72.39	1.889	1.025
19.83	86.40		111.53	1.667	1.056
28.45	89.89		139.31	1.510	1.094
40.68	92.71		170.03	1.330	1.166
50.35	94.14		190.81	1.224	1.257
58.45	95.17		206.93	1.155	1.343
69.70	96.395		228.29	1.083	1.516
69.55	96.399		228.26	1.085	1.507
79.20	97.380		245.54	1.036	1.727
90.28	98.660	90.00	268.72	1.007	2.068
10.18	73.91		102.76	1.834	1.022
9.98	73.76		102.22	1.855	1.020
19.88	84.25		155.91	1.624	1.049
19.65	84.25		155.79	1.643	1.045

Таблица № 1521 (продолжение)

x	y	t	P	γ_1	γ_2
28.90	88.52	90.00	195.50	1.472	1.084
28.73	88.21		195.44	1.475	1.082
40.35	91.49		236.50	1.318	1.155
49.55	93.12		264.13	1.220	1.233
49.15	93.05		263.10	1.224	1.231
59.00	94.50		290.43	1.143	1.333
69.35	95.833		318.60	1.082	1.483
69.95	95.922		319.77	1.078	1.485
79.80	97.120		346.27	1.036	1.690
90.34	98.503		375.89	1.007	1.991
94.85	99.175		389.30	1.001	2.136
95.25	99.235		390.80	1.001	2.155
10.15	70.48	100.02	142.33	1.773	1.016
9.83	69.69		138.98	1.767	1.015
20.03	81.85		212.15	1.556	1.046
29.95	87.23		274.10	1.432	1.084
40.15	90.23		321.36	1.295	1.140
48.95	92.02		358.04	1.208	1.216
58.55	93.76		396.23	1.138	1.296
69.80	95.37		436.94	1.071	1.455
69.90	95.391		437.78	1.072	1.455
79.67	96.734		473.93	1.032	1.654
90.34	98.355		515.42	1.007	1.907
90.37	98.351		515.44	1.006	1.918

№ 1522

АНИЛИН—МЕТИЛАНИЛИН

[463]

 $C_6H_7N-C_7H_9N$

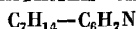
x	y	t	P	x	y	t	P
0.00	0.00	95.0	24.1	50.02	58.80	120.0	87.4
7.68	12.02		25.3	62.41	69.93		91.0
13.98	21.04		26.3	75.59	80.79		94.5
20.64	29.60		27.2	84.20	87.78		96.6
29.63	39.88		28.5	90.39	92.65		98.2
39.20	49.72		29.7	100.00	100.00		100.3
49.61	59.60		31.0	0.00	0.00	145.0	100.3
60.93	69.51		32.2	7.60	10.75		173.8
72.06	78.67		33.4	14.21	19.52		180.6
81.21	85.87		34.3	20.02	26.90		185.9
90.01	92.68		35.2	30.14	38.40		190.8
100.00	100.00		36.2	39.20	47.72		198.5
0.00	0.00	120.0	70.1	49.20	57.39		205.3
7.97	11.78		73.3	60.41	67.41		212.1
15.00	21.11		76.0	70.38	76.08		219.4
20.08	27.62		77.8	79.97	84.02		225.5
30.20	39.28		81.3	92.03	93.59		231.0
38.59	47.95		84.0	100.00	100.00		237.4
							241.5

2-ПИКОЛИН—
2,6-ЛУТИДИН
 $C_6H_7N-C_7H_6N$

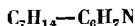
x	y	t	P
0.0	0.0	144.06	760
2.2	4.0	143.45	
3.5	6.1	143.08	
7.4	12.0	142.21	
15.6	22.7	140.79	
22.6	30.0	139.66	
29.3	36.7	138.81	
32.4	39.4	138.30	
41.3	48.5	136.94	
54.5	60.3	135.02	
75.7	79.2	132.08	
100.0	100.0	129.42	

2,6-ЛУТИДИН—
3-ПИКОЛИН
 $C_7H_6N-C_8H_7N$

x	y	t	P
0.0	0.0	144.15	760
7.6	8.4	143.97	
25.0	26.6	143.71	
32.4	34.0	143.64	
45.4	46.6	143.54	
54.0	54.7	143.50	
59.4	60.0	143.49	
70.6	70.6	143.49	
72.7	72.6	143.50	
80.6	80.0	143.59	
90.4	89.5	143.85	
93.1	91.8	143.91	
100.0	100.0	144.06	



x	y	t	P
11.3	83.0	127.5	742
25.3	89.5	112.3	
35.3	91.8	108.7	
45.1	92.6	106.7	
61.7	93.2	104.3	
77.3	94.2	102.2	
88.7	96.8	100.3	



x	y	t	P	γ_1	γ_2
74.91	97.613	51.5	134.2	1.207	3.27
77.76	97.667		134.7	1.155	3.62
88.21	98.028		135.6	1.029	5.81
90.753	98.231		136.5	1.009	6.70
93.786	98.560		138.7	0.995	8.25
95.234	98.824		142.3	1.008	9.00
96.484	99.072		143.6	1.007	9.72
97.122	99.212		144.0	1.004	10.1
97.245	99.238		143.8	1.002	10.2
97.510	99.294		144.2	0.992	10.5

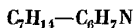
Таблица № 1526 (продолжение)

x	y	t	P	γ_1	γ_2
97.817	99.385	51.5	144.7	1.003	10.5
98.775	99.626		145.5	1.002	11.4
99.241	99.763		145.9	1.002	11.7
99.462	99.832		145.9	1.000	11.7
99.501	99.843		146.4	1.004	11.8
99.720	99.910		146.3	1.001	11.9
99.760	99.924		146.5	1.002	11.9

№ 1527

МЕТИЛЦИКЛОГЕКСАН—АНИЛИН

[962]



x	y	t	P	γ_1	γ_2
7.55	90.94	80.00	189.41	5.638	1.035
19.75	94.45		292.13	3.453	1.129
28.75	95.05		319.16	2.607	1.238
38.35	95.44		333.37	2.050	1.377
38.50	95.40		333.50	2.041	1.393
48.75	95.70		342.21	1.660	1.603
57.98	95.820		348.59	1.423	1.936
57.75	95.815		348.45	1.428	1.927
70.00	96.066		357.18	1.211	2.615
70.03	96.066		357.05	1.210	2.617
78.95	96.412		365.42	1.102	2.477
90.28	97.547		382.25	1.020	5.386
90.59	97.579		382.96	1.019	5.501
7.50	88.73	90.00	247.73	5.241	1.033
19.30	93.07		381.48	3.328	1.121
28.85	94.00		423.66	2.496	1.223
38.70	94.50		445.83	1.969	1.369
48.55	94.82		459.66	1.624	1.584
48.40	94.84		450.52	1.629	1.573
57.50	95.05		470.02	1.406	1.875
69.95	95.415		484.77	1.196	2.532
70.10	95.394		484.85	1.193	2.556
78.90	95.919		498.11	1.095	3.298
78.83	95.951		498.01	1.096	3.256
90.90	97.400		523.75	1.015	5.122
90.15	97.285		521.85	1.018	4.923
95.05	98.362		535.80	1.005	6.072
7.63	86.15	100.02	316.84	4.828	1.032
19.35	91.70		492.31	3.150	1.101
28.86	92.85		550.54	2.392	1.202
28.98	92.82		551.13	2.383	1.211
38.65	93.43		583.70	1.905	1.358
38.60	93.42		583.95	1.906	1.360

Таблица № 1527 (продолжение)

x	y	t	P	γ_1	γ_2
48.80	93.93	100.02	606.54	1.576	1.562
57.60	94.150		623.80	1.376	1.871
69.90	94.786		646.61	1.184	2.434
78.75	95.415		665.92	1.089	3.122
78.83	95.436		665.78	1.088	3.119
90.24	97.068		700.78	1.017	4.573

№ 1528

ГЕПТАН—АНИЛИН

[922]

 $C_7H_{16}-C_6H_7N$

x	y	t	P	γ_1	γ_2
87.680	97.706	51.5	141.6	1.047	6.50
90.223	97.982		142.7	1.027	7.55
92.246	98.244		144.0	1.017	8.36
93.785	98.449		145.2	1.011	9.29
95.383	98.747		147.5	1.012	10.3
96.958	99.103		147.6	1.000	11.2
97.432	99.223		148.3	1.001	11.5
97.680	99.259		148.3	1.000	11.6
97.694	99.292		148.3	0.999	11.7
97.756	99.273		148.5	1.000	11.8
97.980	99.366		148.6	0.999	12.0
98.214	99.439		148.9	1.000	12.0
98.355	99.478		149.1	1.000	12.1
98.915	99.648		149.7	1.000	12.5
99.140	99.711		149.7	0.998	12.9
99.375	99.791		150.2	1.000	12.9
99.413	99.801		150.2	1.000	13.1
99.663	99.885		150.4	0.999	13.1
99.685	99.891		150.4	0.999	13.3
99.700	99.897		150.7	1.001	13.3

№ 1529

ГЕПТАН—АНИЛИН

[443]

 $C_7H_{16}-C_6H_7N$

x	y	t	P	x	y	t	P
8.8	87.0	117.0	742	41.3	92.5	104.7	742
15.4	89.7	112.2		63.3	93.2	103.8	
26.7	92.3	106.5		84.5	95.1	101.1	
36.7	92.5	105.4		89.9	96.45	100.2	

x	y	t	P	x	y	t	P
0.0	0.0	184.4	760	39.0	95.3	—	760
4.5	91.6	—		55.0	96.8	—	
6.0	92.5	—		71.5	99.4	—	
13.5	93.5	—		85.0	99.8	—	
20.0	93.8	—		100.0	100.0	98.4	
30.0	94.5	—					

Примечание. Данные рассчитаны по графику, приведенному в статье.

m-КСИЛОЛ—АНИЛИН
 $C_8H_{10}-C_6H_7N$

x	y	t	P
10.0	45.5	167	745
19.5	58.0	160	
34.0	71.5	153	
53.0	83.0	146	
71.5	89.0	143	
82.0	93.0	141	

n-КСИЛОЛ—АНИЛИН
 $C_8H_{10}-C_6H_7N$

x	y	t	P
7.5	37.0	171	745
14.0	50.0	165	
26.5	67.5	156	
48.5	80.0	148	
72.5	89.0	142	
83.0	92.0	140	

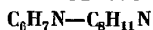
АНИЛИН—ДИМЕТИЛАНИЛИН
 $C_6H_7N-C_8H_{11}N$

x	y	t	P	x	y	t	P
0.0	0.0	95.0	29.0	60.4	63.2	120.0	100.1
9.6	15.2		30.8	70.8	71.6		101.0
19.6	27.6		32.5	80.0	80.0		101.4
30.6	38.8		34.0	90.0	89.5		101.1
39.2	46.6		34.9	100.0	100.0		100.3
52.0	57.1		35.9	0.0	0.0	145.0	193.3
60.0	62.9		36.6	9.7	14.6		205.0
68.8	69.9		36.6	23.2	31.5		219.4
80.4	80.2		36.7	30.4	38.7		225.3
90.4	89.6		36.5	40.8	48.0		232.0
100.0	100.0		36.2	50.0	55.5		236.5
0.0	0.0	120.0	80.1	60.8	63.5		240.1
10.1	15.7		85.7	70.0	71.5		242.0
20.2	28.2		90.3	82.0	81.7		243.1
31.2	39.4		94.2	90.2	89.5		242.6
40.1	47.3		96.4	100.0	100.0		241.5
51.2	56.2		98.7				

№ 1534

[565]

АНИЛИН—ЭТИЛАНИЛИН

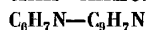


x	y	t	P
0.0	0.0	204.7	760
9.3	12.5	—	
17.5	—	199.7	
25.1	35.8	—	
32.8	—	190.0	
47.7	60.4	—	
58.0	—	191.1	
67.4	76.4	—	
83.3	—	186.3	
85.6	90.1	—	
92.4	95.0	—	
100.0	100.0	184.4	

№ 1535

[114]

АНИЛИН—ХИНОЛИН

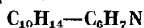


x	y	t	P
0	0.0	236.4	760
10	44.5	227.2	
20	67.0	219.9	
30	77.6	212.9	
40	85.2	206.1	
50	89.4	201.1	
60	93.3	196.7	
70	95.4	192.6	
80	97.3	189.5	
90	98.8	185.3	
100	100.0	183.7	

№ 1536

 n -ЦИМОЛ—АНИЛИН

[508]



x	y	t	P	γ_1	γ_2
3.80	8.80	180.60	760	2.158	1.043
6.40	14.40	179.30		2.138	1.037
7.40	16.40	178.75		2.136	1.001
12.30	22.40	177.30		1.860	1.064
17.75	28.75	176.10		1.666	1.076
21.75	32.50	175.55		1.556	1.089
25.70	36.50	174.90		1.505	1.098
31.40	40.90	174.30		1.401	1.136
36.50	44.50	173.75		1.327	1.159
43.60	49.50	173.10		1.243	1.208
47.00	52.00	173.00		1.215	1.239
57.30	58.25	172.85		1.136	1.328
58.75	59.50	172.85		1.132	1.333
60.50	60.50	172.80		1.118	1.340
64.00	63.90	172.85		1.116	1.362
68.00	66.80	172.90		1.096	1.408
73.25	70.80	173.00		1.075	1.480
79.50	76.00	173.20		1.057	1.575
83.00	79.25	173.60		1.045	1.625
87.50	83.90	174.05	100	1.038	1.693
93.00	89.90	174.80		1.026	1.858
6.60	20.00	114.35		2.540	1.067
10.40	27.75	112.85		2.331	1.057
13.40	32.65	111.40		2.242	1.085
16.75	36.70	110.70		2.074	1.093
20.80	40.00	109.75		1.876	1.129

Таблица № 1536 (продолжение)

x	y	t	P	γ_1	γ_2
24.90	44.00	109.15	100	1.785	1.153
29.20	48.25	109.00		1.664	1.129
38.50	52.75	108.20		1.419	1.223
42.00	54.40	107.90		1.328	1.266
46.80	57.25	107.55		1.301	1.315
50.70	59.20	107.00		1.261	1.381
55.75	61.90	106.55		1.216	1.458
60.60	64.50	106.40		1.166	1.528
65.30	67.40	106.30		1.139	1.605
69.10	69.60	106.40		1.110	1.678
70.00	74.60	106.80		1.073	1.788
80.50	77.75	106.70		1.061	1.937
85.40	82.10	106.80		1.047	2.064
89.50	86.10	107.00		1.040	2.210
93.00	90.00	107.30		1.033	2.292

№ 1537

АНИЛИН—ДИЭТИЛАНИЛИН
 $C_6H_7N-C_{10}H_{15}N$

[565]

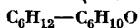
x	y	t	P	x	y	t	P
0.0	0.0	217.0	760	72.4	87.4	190.0	760
8.7	30.1	211.0		89.0	93.9	187.2	
15.5	45.4	207.0		94.7	96.8	186.0	
28.6	61.4	201.3		100.0	100.0	184.4	
52.7	78.1	194.0					

№ 1538

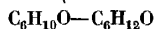
ЦИКЛОГЕКСАН—ЦИКЛОГЕКСЕН
 $C_6H_{12}-C_6H_{10}$

[590]

x	y	t	P	x	y	t	P
0.0	0.0	82.2	741	70.5	73.5	80.5	741
1.5	3.5	82.1		74.2	76.0	80.4	
9.9	13.5	82.0		83.2	84.5	80.3	
19.9	20.0	81.7		90.4	91.9	80.15	
54.0	56.5	80.9		94.0	95.5	80.1	
57.8	60.0	80.75		100.0	100.0	80.0	
66.3	68.0	80.65					



x	y	t	P	x	y	t	P
14.28	80.07	110.0	760	66.04	95.77	88.35	760
28.00	89.98	105.3		77.77	96.82	85.6	
41.17	92.18	96.35		89.09	97.59	83.3	
53.84	94.03	91.8					



x	y	t	P	γ_1	γ_2
16.45	35.60	70	26.4	1.2955	0.9974
33.80	55.70		30.6	1.1427	1.0031
55.04	72.00		34.1	1.0115	1.0410
71.06	82.10		38.25	1.0020	1.1597
87.81	92.20	80	42.0	0.9999	1.3173
16.45	33.20		41.5	1.2671	1.0024
33.80	53.18		47.0	1.1187	1.0042
55.04	70.31		52.1	1.0068	1.0393
71.06	81.00	90	58.0	1.0001	1.1504
87.81	91.80		63.5	1.0042	1.2904
16.45	30.60		65.6	1.2379	0.9998
33.80	50.70		72.9	1.1038	0.9974
55.04	68.45	100	80.2	1.0050	1.0330
71.06	79.80		88.3	0.9995	1.1308
87.81	91.25		95.4	0.9993	1.2564
16.45	28.70		97.3	1.2082	1.0004
33.80	48.67	110	106.5	1.0899	0.9962
55.04	66.80		116.0	1.0020	1.0320
71.06	78.68		126.8	0.9992	1.1250
87.81	90.80		135.5	0.9972	1.2320
16.45	27.20	Нет данных	143.5	1.1804	1.0002
33.80	47.00		150.1	1.0799	0.9998
55.04	65.60		168.5	0.9991	1.0313
71.06	77.90		183.0	0.9980	1.1178
87.81	90.50	Нет данных	195.0	0.9998	1.2157
10	22.1		40	Нет данных	Нет данных
20	38.8				
40	61.4				
60	76.7	60			
80	89.2				
90	95.2				
10	21.2				
20	37.5				
40	59.0				
60	75.2				
80	88.0				

Таблица № 1540 (продолжение)

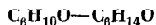
x	y	t	P	γ_1	γ_2
90	94.7	Нет данных	60	Нет данных	Нет данных
10	19.2		100		
20	34.3				
40	56.8				
60	73.0				
80	86.8	Нет данных	200	Нет данных	Нет данных
90	93.8				
10	16.0				
20	30.0				
40	52.1				
60	70.1				
80	85.6				
90	93.0				

№ 1541 ЦИКЛОГЕКСАНОН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ [460]
 $C_6H_{10}O-C_6H_{12}O$

x	y	t	P	γ_1	γ_2
1.33	2.01	104.6	100	0.922	0.984
11.4	18.0	102.8		1.024	0.975
16.5	27.6	101.6		1.130	0.944
28.5	43.3	99.4		1.110	0.955
49.9	62.5	96.4		1.016	1.028
58.5	71.0	95.2		1.030	1.000
80.1	86.5	92.8		1.000	1.093
89.9	93.2	92.0		0.987	1.116
92.2	94.9	91.2		1.000	1.127
94.5	96.0	91.0		1.001	1.068

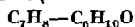
№ 1542 ЦИКЛОГЕКСАНОН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ [59]
 $C_6H_{10}O-C_6H_{12}O$

x	y	t	P	x	y	t	P
0.0	0.0	35	3.07	51.0	77.0	35	5.00
4.0	18.0		3.30	65.0	84.0		5.69
10.0	35.0		3.68	88.0	93.0		7.75
16.0	48.0		4.02	100.0	100.0		8.25
30.0	62.0		4.80				



x	y	t	P	x	y	t	P
0	0.0	Нет данных	50	0	0.0	Нет данных	760
3	7.0			2	1.8		
5	11.4			5	4.5		
10	20.7			10	8.9		
15	28.7			15	13.5		
20	35.6			20	18.2		
25	42.0			25	22.8		
30	47.8			30	27.6		
35	53.0			35	32.5		
40	57.8			40	37.4		
45	62.1			45	42.4		
50	66.2			50	47.4		
55	70.0			55	52.5		
60	73.7			60	57.6		
65	77.4			65	62.7		
70	80.9			70	67.8		
75	84.4			75	72.9		
80	87.7			80	78.1		
85	90.9			85	83.3		
90	94.1			90	88.5		
95	97.1			95	94.0		
98	98.9			97	96.3		
100	100.0			100	100.0		

ТОЛУОЛ—ЦИКЛОГЕКСАНОН

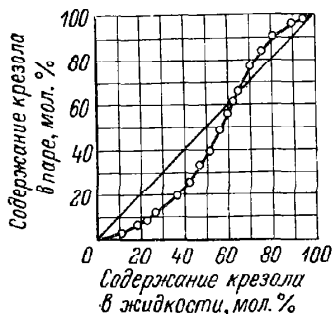
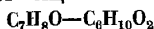


x	y	t	P
0.0	0.0	154.8	760
8.2	18.9	149.5	
13.5	35.1	144.4	
20.9	48.3	140.3	
27.7	57.1	136.0	
35.6	65.1	131.2	
47.8	75.6	126.7	
66.0	88.4	120.3	
80.2	94.3	116.0	
100.0	100.0	110.4	

№ 1545

[830]

м-КРЕЗОЛ—АЦЕТОНИЛАЦЕТОН

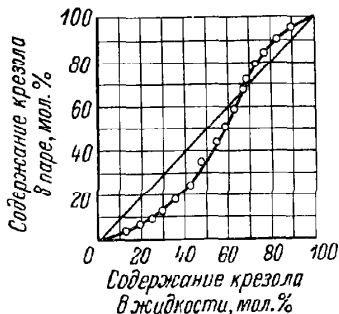
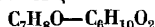


P = 760 мм

№ 1546

[830]

n-КРЕЗОЛ—АЦЕТОНИЛАЦЕТОН

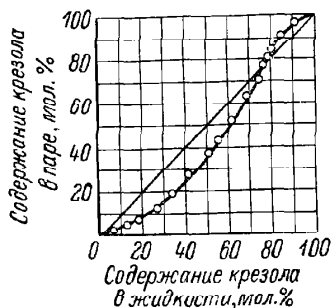
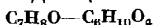


P = 760 мм

№ 1547

[830]

м-КРЕЗОЛ—ДИАЦЕТАТГЛИКОЛЬ

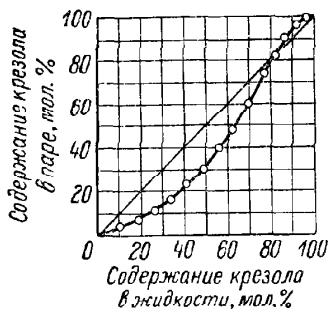
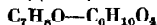


P = 760 мм

№ 1548

[830]

n-КРЕЗОЛ—ДИАЦЕТАТГЛИКОЛЬ

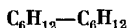


P = 760 мм

№ 1549

МЕТИЛЦИКЛОПЕНТАН—ЦИКЛОГЕКСАН

[236]

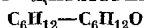


x	y	t	P	x	y	t	P
0.0	0.0	80.78	760	62.5	68.3	74.87	760
12.5	16.1	79.47		75.0	80.7	73.84	
25.0	30.9	78.21		87.5	90.6	72.78	
37.5	43.1	77.03		100.0	100.0	71.82	
50.0	55.2	76.01					

№ 1550

ЦИКЛОГЕКСАН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ

[235]

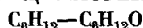


x	y	t	P	x	y	t	P
14.53	84.64	123.2	760	66.40	98.48	86.25	760
28.41	95.34	102.1		78.12	98.82	84.20	
41.66	96.96	93.45		89.28	99.07	82.85	
54.34	97.97	88.95					

№ 1551

ЦИКЛОГЕКСАН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ

[437]

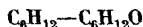


x	y	t	P	x	y	t	P
37.6	99.0	35	108.8	94.0	99.53	45	217.8
52.9	99.26		123.5	97.5	99.64		220.7
66.1	99.42		132.8	98.8	99.72		222.2
72.2	99.46		135.5	99.4	99.82		222.9
83.2	99.51		141.0	99.7	99.97		223.3
92.0	99.60		144.8	100.0	100.00		224.2
93.9	99.58		145.5	34.0	98.06	55	217.25
96.9	99.72		147.0	37.8	98.22		228.2
99.1	99.82		148.5	42.4	98.22		240.6
100.0	100.00		149.9	48.8	98.56		255.2
32.5	98.34	45	147.9	59.7	98.73		274.4
33.5	98.40		150.6	72.5	99.02		291.4
42.5	98.84		168.5	84.6	99.18		305.5
55.6	99.00		186.8	88.2	99.30		309.3
61.4	98.99		192.5	95.0	99.46		316.25
71.3	99.10		201.6	97.7	99.60		319.5
79.7	99.23		208.5	99.5	99.80		323.0
87.6	99.35		214.15	100.0	100.00		324.6

№ 1552

ЦИКЛОГЕКСАН—МЕТИЛЦИЗБУТИЛКЕТОН

[466]



x	y	t	P	γ_1	γ_2
9.45	25.4	110.8	760	1.256	0.969
14.2	37.8	100.2		1.325	0.971
22.75	54.5	98.6		1.401	0.979
28.6	62.5	95.8		1.426	0.969
33.0	87.0	93.8		1.420	0.967
36.4	70.25	92.0		1.411	0.978
40.25	73.0	90.8		1.373	0.978
42.6	74.5	89.9		1.355	0.994

Таблица № 1552 (продолжение)

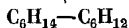
x	y	t	P	γ_1	γ_2
47.25	77.0	88.8	760	1.240	1.019
50.0	78.5	88.0		1.264	1.037
56.5	81.4	86.4		1.224	1.076
62.0	83.0	85.6		1.160	1.156
66.2	84.75	84.8		1.137	1.199
69.1	86.0	84.1		1.127	1.234
87.75	87.95	83.3		1.072	1.432
80.6	89.25	82.7		1.047	1.572
84.75	91.2	82.0		1.036	1.692
92.4	95.0	81.3		1.012	1.932
96.25	97.25	80.8		1.006	2.233
3.75	8.5	104.5	600	1.358	0.980
17.25	46.0	94.0		1.470	0.989
23.25	57.0	90.5		1.462	0.982
28.75	65.25	87.1		1.472	0.996
39.5	73.5	82.1		1.426	1.018
51.5	79.75	80.0		1.259	1.046
56.5	82.0	79.0		1.214	1.072
60.25	83.5	77.8		1.201	1.124
69.0	85.5	76.8		1.112	1.220
80.0	90.25	75.2		1.056	1.455
86.0	92.0	74.6		1.011	1.762
90.75	94.5	74.05		1.009	1.649
94.9	95.3	73.8		1.005	2.352
96.0	97.0	73.7		0.989	2.360
5.5	17.25	95.1	450	1.236	0.997
13.25	38.0	88.8		1.380	1.002
17.25	46.5	86.2		1.457	0.993
23.75	57.5	81.6		1.454	0.978
28.75	65.5	78.3		1.453	1.000
33.0	70.0	76.0		1.445	1.012
39.5	74.5	73.8		1.380	1.002
47.2	78.5	72.0		1.310	1.034
51.5	80.7	71.5		1.251	1.051
56.5	82.5	69.9		1.213	1.106
60.5	84.25	69.2		1.164	1.137
67.0	86.5	68.3		1.132	1.202
80.0	91.5	66.8		1.054	1.451
85.0	92.1	66.3		1.019	1.661
90.0	94.25	65.8		0.998	1.825
92.5	95.5	65.4		0.995	1.958
96.5	97.5	65.25		0.994	2.343
22.25	55.9	80.0	400	1.379	0.970
28.75	64.95		480	1.432	0.977
33.0	69.05		508	1.446	0.988
39.5	76.1		557	1.450	1.025
47.25	77.9		600	1.339	1.045
57.0	81.0		627	1.204	1.082
69.0	85.9		664	1.118	1.247
75.0	87.75		681	1.072	1.381
80.5	90.0		700	1.052	1.488

x	y	t	P	γ_1	γ_2
86.0	92.0	80.0	713	1.026	1.686
90.5	94.5		723	1.045	1.809
92.5	95.25		725	1.042	1.894
96.5	97.5		732	0.993	2.246

№ 1553

ГЕКСАН—ЦИКЛОГЕКСАН

[788]

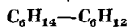


x	y	t	P	x	y	t	P
0.0	0.0	80.8	760	53.55	61.75	73.4	760
0.8	1.8	80.6		54.9	63.0	73.25	
1.9	3.2	80.35		59.55	67.3	72.75	
4.5	7.0	80.0		65.45	72.4	72.1	
6.3	9.75	79.75		69.25	75.75	71.7	
9.35	13.5	79.3		72.4	78.6	71.4	
13.3	18.7	78.65		75.7	80.8	70.95	
18.15	24.7	78.0		76.85	81.8	70.9	
23.85	31.6	77.15		77.7	82.95	70.8	
28.7	37.3	76.5		80.7	85.2	70.55	
31.8	40.0	76.05		83.1	87.15	70.35	
36.9	45.75	75.35		85.0	88.3	70.15	
41.45	50.5	74.8		87.35	90.2	69.95	
44.25	53.35	74.5		90.0	92.6	69.75	
46.2	55.3	74.25		93.5	95.0	69.35	
49.8	58.35	73.75		96.9	97.6	69.05	
51.55	59.95	73.6		100.0	100.0	68.8	

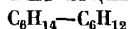
№ 1554

ГЕКСАН—ЦИКЛОГЕКСАН

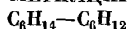
[238]



x	y	t	P
12.5	17.9	70	580.0
25.0	33.6		612.1
37.5	46.5		642.6
50.0	59.0		675.3
62.5	70.8		705.2
74.2	80.6		734.8
87.5	90.1		756.2



x	y	t	P	x	y	t	P
0.0	0.0	71.85	760	49.3	51.65	70.05	760
2.5	3.5	71.75		53.2	56.25	69.95	
8.15	9.8	71.55		54.7	57.1	69.9	
12.3	14.2	71.4		60.5	62.3	69.75	
16.8	18.8	71.2		62.6	64.8	69.7	
22.2	24.8	71.0		66.6	68.5	69.6	
27.3	30.0	70.85		67.9	69.2	69.55	
32.6	35.3	70.65		74.0	75.6	69.4	
33.4	35.9	70.6		75.8	77.4	69.35	
35.9	39.0	70.5		81.1	82.0	69.2	
39.3	42.4	70.4		83.3	84.5	69.15	
39.6	42.2	70.35		84.5	85.4	69.1	
41.5	43.8	70.3		88.2	89.1	69.05	
43.0	46.2	70.25		92.5	93.4	68.9	
45.0	47.2	70.2		100.0	100.0	68.8	
47.6	50.2	70.1					



x	y	t	P	x	y	t	P
0.0	0.0	33.92	200	0.0	0.0	52.29	400
5.0	—	33.75		5.0	—	52.08	
—	5.0	33.82		—	5.0	52.20	
10.0	—	33.61		10.0	—	51.87	
—	10.0	33.73		—	10.0	52.00	
20.0	—	33.35		20.0	—	51.48	
—	20.0	33.52		—	20.0	51.63	
30.0	—	33.13		30.0	—	51.11	
—	30.0	33.34		—	30.0	51.26	
40.0	—	32.93		40.0	—	50.75	
—	40.0	33.13		—	40.0	50.92	
50.0	—	32.71		50.0	—	50.40	
—	50.0	32.91		—	50.0	50.56	
60.0	—	32.50		60.0	—	50.11	
—	60.0	32.68		—	60.0	50.27	
70.0	—	32.26		70.0	—	50.00	
—	70.0	32.46		—	70.0	50.13	
80.0	—	32.02		80.0	—	49.89	
—	80.0	32.22		—	80.0	49.98	
90.0	—	31.82		90.0	—	49.78	
—	90.0	31.97		—	90.0	49.82	
95.0	—	31.75		95.0	—	49.70	
—	95.0	31.83		—	95.0	49.75	
100.0	100.0	31.68		100.0	100.0	49.67	

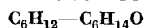
Таблица № 1556 (продолжение)

x	y	t	P	x	y	t	P
0.0	0.0	64.32	600	0.0	0.0	71.72	760
5.0	—	64.17		5.0	—	71.48	
—	5.0	64.25		—	5.0	71.54	
10.0	—	64.00		10.0	—	71.23	
—	10.0	64.12		—	10.0	71.31	
20.0	—	63.70		20.0	—	70.82	
—	20.0	63.83		—	20.0	70.94	
30.0	—	63.43		30.0	—	70.46	
—	30.0	63.52		—	30.0	70.58	
40.0	—	63.14		40.0	—	70.13	
—	40.0	63.22		—	40.0	70.26	
50.0	—	62.81		50.0	—	69.82	
—	50.0	62.93		—	50.0	69.94	
60.0	—	62.52		60.0	—	69.55	
—	60.0	62.64		—	60.0	69.66	
70.0	—	62.23		70.0	—	69.30	
—	70.0	62.35		—	70.0	69.43	
80.0	—	61.94		80.0	—	69.07	
—	80.0	62.03		—	80.0	69.20	
90.0	—	61.67		90.0	—	68.90	
—	90.0	61.75		—	90.0	68.96	
95.0	—	61.53		95.0	—	68.82	
—	95.0	61.60		—	95.0	68.88	
100.0	100.0	61.40		100.0	100.0	68.77	

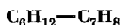
№ 1557

ЦИКЛОГЕКСАН—МЕТИЛИЗОБУТИЛКАРБИНОЛ

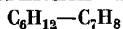
[635]



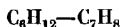
x	y	t	P	γ_1	γ_2
2.6	13.1	129.0	760	1.549	1.005
5.5	26.0	125.2		1.570	0.977
8.5	39.5	121.1		1.445	0.945
15.1	52.8	115.0		1.560	0.978
19.0	60.6	110.7		1.561	0.993
22.7	66.0	107.8		1.517	0.995
24.5	68.5	106.3		1.478	0.995
31.0	76.0	101.2		1.418	1.004
36.0	80.0	98.4		1.409	1.000
44.0	85.1	92.4		1.404	1.075
52.7	88.7	88.9		1.341	1.127
63.2	90.5	87.1		1.199	1.284
72.2	92.5	85.3		1.127	1.445
77.2	93.6	84.2		1.101	1.572
82.3	94.2	83.4		1.062	1.900
92.4	96.7	82.0		0.996	2.555
95.8	98.1	81.5		1.011	2.837
97.5	98.9	81.2		1.009	2.796
98.3	99.2	81.0		1.009	3.015



x	y	t	P	x	y	t	P
0	0.0	Нет данных	760	55	76.1	Нет данных	760
3	8.5			60	79.1		
5	14.2			65	81.9		
10	26.5			70	84.7		
15	36.2			75	87.2		
20	44.6			80	89.8		
25	51.0			85	92.4		
30	56.1			90	95.0		
35	60.6			95	97.6		
40	64.8			98	99.0		
45	68.7			100	100.0		
50	72.5						



x	y	t	P	x	y	t	P
0.0	0.0	110.56	760	44.4	66.3	91.81	760
6.2	15.7	106.90		51.2	71.1	90.10	
6.3	15.6	107.04		53.4	72.7	89.61	
12.9	28.4	103.35		59.7	77.4	88.05	
14.2	31.0	102.78		66.5	81.3	86.70	
17.8	36.2	101.25		75.4	86.5	85.00	
20.2	40.7	100.00		81.0	89.7	83.92	
29.0	50.9	96.62		89.0	94.1	82.47	
31.3	53.6	96.00		93.0	96.2	81.85	
35.3	57.8	94.51		93.8	96.8	81.73	
39.3	61.5	93.39		100.0	100.0	80.75	



x	y	t	P	x	y	t	P
0.0	0.0	110.65	760	21.7	42.2	99.5	760
4.1	10.2	108.25		24.3	46.0	98.35	
9.1	21.2	105.45		24.5	45.7	98.35	
11.8	26.4	103.85		27.3	49.2	97.4	
14.3	30.8	102.85		28.3	50.1	96.95	
16.4	34.8	101.75		30.4	52.3	96.35	
19.2	38.6	100.55		32.3	54.7	95.5	

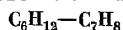
Таблица № 1560 (продолжение)

x	y	t	P	x	y	t	P
33.6	56.0	95.25	760	63.4	79.4	87.35	760
36.8	59.6	94.2		67.2	81.1	86.55	
37.9	59.9	93.8		72.7	85.2	85.25	
41.6	63.3	92.75		76.3	86.4	84.8	
45.2	66.2	91.85		78.0	87.7	84.45	
50.4	70.2	90.55		81.4	89.5	83.75	
53.3	72.4	89.75		87.4	92.6	82.7	
55.9	74.9	88.85		96.4	97.3	81.1	
59.9	77.4	87.95		100.0	100.0	80.7	
60.2	77.7	88.0					

№ 1561

ЦИКЛОГЕКСАН—ТОЛУОЛ

[362]

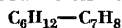


x	y	t	P	x	y	t	P
0	0.0	110.63	760	60	77.4	87.98	760
1	2.7	110.0		70	83.5	85.89	
5	12.4	107.7		80	89.1	84.01	
10	23.0	105.0		90	94.5	82.31	
20	39.8	100.3		95	97.2	81.51	
30	52.5	96.39		99	99.4	80.89	
40	62.4	93.13		100	100.0	80.74	
50	70.5	90.37					

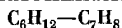
№ 1562

ЦИКЛОГЕКСАН—ТОЛУОЛ

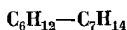
[477]



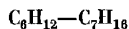
x	y	t	P	v_1	v_2
9.8	23.0	104.9	760	1.205	1.008
18.5	38.0	101.0		1.165	1.005
24.5	46.5	98.6		1.145	1.015
31.0	54.0	96.3		1.125	1.022
41.8	65.2	93.1		1.090	1.025
49.0	70.5	91.05		1.071	1.038
58.0	77.0	88.85		1.059	1.062
64.5	80.9	87.4		1.037	1.092
73.0	85.8	85.6		1.018	1.128
84.0	91.7	83.5		1.007	1.197
93.5	96.7	81.8		1.004	1.245



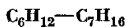
x	y	t	P	x	y	t	P
0.0	0.0	110.65	760	45.5	72.5	85.35	760
2.3	6.8	108.8		49.8	74.8	84.1	
4.0	12.7	107.2		53.1	77.7	83.05	
6.35	19.3	105.35		55.25	79.2	82.3	
9.2	25.75	103.4		56.8	80.2	81.8	
10.6	29.0	102.3		62.2	83.1	80.3	
11.0	29.6	102.0		67.5	85.7	78.95	
15.1	37.25	99.3		72.7	88.25	77.7	
19.1	44.6	96.8		79.6	91.5	76.05	
22.0	48.8	95.3		84.6	93.6	74.8	
26.7	54.9	92.9		89.2	95.4	73.7	
31.25	60.2	90.75		92.9	96.9	72.9	
33.35	62.5	89.85		96.6	98.25	72.2	
37.1	65.7	88.5		100.0	100.0	71.8	
44.25	69.5	87.0					



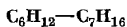
x	y	t	P	γ_1	γ_2
9.1	18.5	98.3	760	1.240	0.961
18.5	27.8	96.0		0.975	1.012
27.8	56.4	94.1		1.387	0.729
44.7	63.7	91.6		1.043	0.729
56.4	67.5	90.5		0.951	1.002
63.7	70.9	87.4		0.923	1.190
80.7	90.2	84.2		1.020	0.830
95.2	96.5	83.6		0.962	0.858



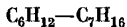
x	y	t	P	x	y	t	P
0	0.0	Нет данных	760	55	69.1	Нет данных	760
3	5.8			60	73.6		
5	9.3			65	77.9		
10	17.6			70	82.0		
15	25.2			75	85.6		
20	32.4			80	88.7		
25	38.9			85	91.6		
30	44.9			90	94.3		
35	50.3			95	97.2		
40	55.3			98	98.9		
45	60.1			100	100.0		
50	64.6						



x	y	t	P	x	y	t	P
0.0	0.0	40	92.4	0.0	0.0	97.97	751
14.4	25.2		105.9	12.8	—	95.36	
30.8	46.8		122.5	23.2	33.7	—	
45.8	62.4		135.4	27.4	—	92.31	
57.2	72.6		146.4	29.6	41.1	—	
68.4	81.2		156.3	32.4	—	91.30	
79.2	88.2		166.2	37.6	51.3	—	
100.0	100.0		184.4	45.0	—	89.08	
0.0	0.0	60	208.2	56.2	69.0	—	
28.4	42.6		258.7	64.6	—	86.20	
43.2	58.6		286.9	75.2	84.1	—	
60.0	74.0		316.9	77.4	—	83.60	
68.2	80.4		333.3	88.2	—	82.00	
89.4	94.0		369.0	100.0	100.0	80.39	
100.0	100.0		388.9				



x	y	t	P	x	y	t	P
0.0	0.0	98.43	760	56.3	67.6	87.50	760
10.7	16.7	96.10		56.6	68.8	87.35	
13.0	18.9	95.65		66.4	76.0	85.75	
15.3	23.6	95.15		69.3	78.8	85.35	
23.8	34.3	93.30		77.4	85.3	84.05	
27.3	36.9	92.80		84.5	89.9	83.00	
28.5	40.3	92.50		85.4	90.7	82.85	
38.0	50.3	90.75		91.9	95.9	81.60	
41.3	53.1	90.15		100.0	100.0	80.75	
48.3	60.6	88.90					



x	y	t	P	x	y	t	P
0.0	0.0	98.4	760	16.4	25.05	94.6	760
1.6	3.6	97.9		18.2	26.05	94.3	
5.1	8.2	97.1		19.55	28.75	94.0	
7.75	11.75	96.5		21.25	30.05	93.8	
11.05	16.3	95.9		22.0	31.7	93.55	

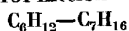
Таблица № 1568 (продолжение)

x	y	t	P	x	y	t	P
23.0	33.0	93.3	760	62.55	73.6	86.15	760
29.1	40.65	92.1		70.2	79.8	85.0	
33.0	45.05	91.35		76.3	84.2	84.0	
38.95	51.1	90.3		83.35	89.6	83.05	
44.8	57.25	89.3		89.8	93.7	82.2	
46.45	59.1	89.0		93.7	96.25	81.65	
49.8	61.65	88.35		97.3	98.3	81.1	
54.6	66.25	87.5		100.0	100.0	80.7	
58.25	70.2	86.75					

№ 1569

ЦИКЛОГЕКСАН—ГЕПТАН

[362]

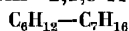


x	y	t	P	x	y	t	P
0	0.0	98.42	760	60	71.3	86.44	760
1	1.7	98.18		70	79.3	84.87	
5	8.1	97.22		80	86.6	83.41	
10	15.8	96.06		90	93.5	82.04	
20	29.6	93.86		95	96.8	81.38	
30	41.9	91.81		99	99.4	80.87	
40	52.8	89.89		100	100.0	80.74	
50	62.5	88.10					

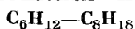
№ 1570

ЦИКЛОГЕКСАН—2,2,3-ТРИМЕТИЛБУТАН

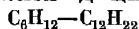
[590]



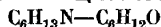
x	y	t	P	γ_1	γ_2
0.0	0.0	80.1	744	—	—
4.2	6.6	80.0		1.570	0.979
11.8	14.0	79.9		1.268	0.972
22.5	25.5	79.75		1.142	0.972
27.9	30.6	79.7		1.106	0.974
37.9	39.6	79.55		1.058	0.980
43.5	44.3	79.5		1.033	1.004
48.4	49.1	79.45		1.031	1.007
51.7	51.8	79.45		1.019	1.007
52.2	52.2	79.45		1.016	1.007
66.5	65.4	79.45		1.000	1.054
75.7	74.8	79.5		1.003	1.058
83.4	82.3	79.6		0.999	1.083
87.1	86.0	79.7		0.996	1.099
91.2	90.0	79.8		0.994	1.147
94.0	92.7	79.9		0.990	1.225
96.3	95.2	80.0		0.990	1.303
100.0	100.0	80.1		—	—



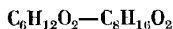
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0	0	Нет данных	760	55.0	70.0	Нет данных	760
1.0	1.8			60.0	74.0		
3.0	5.18			65.0	77.9		
5.0	8.5			70.0	81.6		
10.0	16.5			75.0	85.1		
15.0	24.1			80.0	88.5		
20.0	31.5			85.0	91.8		
25.0	38.5			90.0	94.7		
30.0	44.8			95.0	97.5		
35.0	50.6			97.0	98.5		
40.0	56.0			99.0	99.5		
45.0	60.9			100.0	100.0		
50.0	65.7						



На основании данных, полученных в интервале температур 25—75°, установлено, что система практически подчиняется закону Рауля.



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
7.96	11.0	159.8	760	48.2	66.3	149.2	760
14.9	21.4	157.4		65.3	81.6	144.2	
23.8	34.9	156.2		70.4	86.3	142.7	
31.9	45.7	153.6		86.7	94.7	137.7	
39.5	56.9	151.6		90.6	96.6	137.0	
43.5	60.8	150.65					



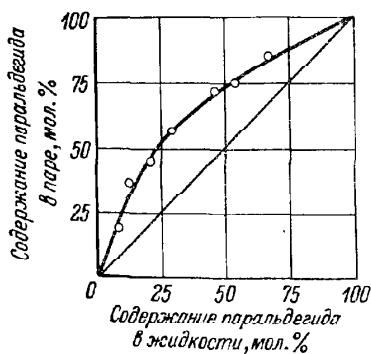
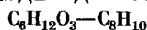
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	125.5	10	42.0	74.0	109.7	10
8.6	25.5	121.7		48.8	78.4	108.0	
17.4	43.5	117.6		56.6	84.4	106.7	
27.5	57.7	114.4		67.4	88.9	103.5	
34.9	67.3	111.7		76.3	92.1	102.0	

Таблица № 1574 (продолжение)

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
85.8	95.7	100.2	10	100.0	100.0	119.0	30
92.5	97.8	99.6		0.0	0.0	176.2	100
100.0	100.0	98.5		9.8	24.0	171.5	
0.0	0.0	147.3	30	18.4	40.0	167.8	
9.5	25.0	143.3		28.3	53.7	164.2	
17.9	42.1	139.4		35.7	62.0	161.7	
28.2	57.1	135.8		43.3	69.8	159.2	
35.8	65.8	133.2		49.8	76.0	157.6	
42.9	72.4	131.2		58.4	81.8	155.5	
49.5	77.9	129.4		67.8	87.0	153.4	
59.0	84.3	126.9		77.0	90.8	151.5	
67.7	87.9	124.8		86.0	94.6	149.6	
76.8	91.7	122.9		91.9	97.1	148.1	
86.1	95.3	121.2		100.0	100.0	146.7	
92.0	96.9	120.2					

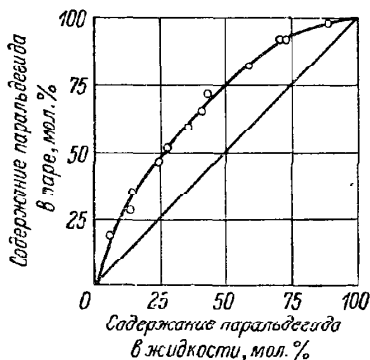
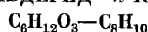
№ 1575

[45]

ПАРАЛЬДЕГИД—*m*-КСИЛОЛ

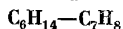
№ 1576

[45]

ПАРАЛЬДЕГИД—*n*-КСИЛОЛ

№ 1577

ГЕКСАН—ТОЛУОЛ



[984]

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	110.56	760	19.6	48.4	94.40	760
9.0	28.2	102.10		21.7	51.8	93.00	
10.0	34.0	100.95		25.4	56.3	90.85	
18.0	45.9	96.05		28.0	59.3	89.80	

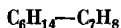
Таблица № 1577 (продолжение)

x	y	t	P	x	y	t	P
33.9	65.7	86.85	760	64.0	84.8	76.75	760
35.2	66.4	86.35		70.7	88.0	74.85	
39.2	69.7	85.35		73.0	89.0	74.20	
44.3	74.2	82.50		77.0	90.7	73.50	
46.4	75.1	82.40		81.3	92.7	72.25	
47.3	75.7	81.95		82.2	93.0	72.15	
49.1	76.9	80.85		86.2	94.6	71.50	
50.8	77.7	81.00		86.9	94.8	71.15	
57.9	82.2	78.50		100.0	100.0	68.75	
60.5	83.2	77.80					

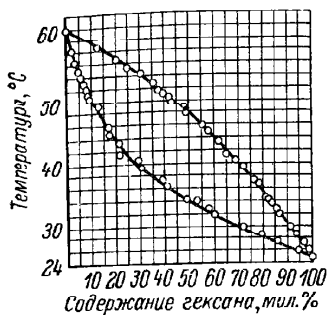
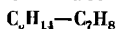
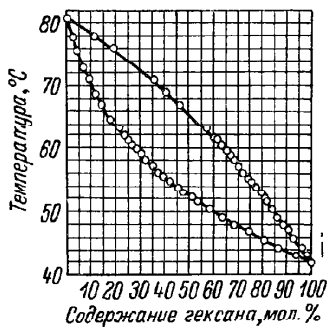
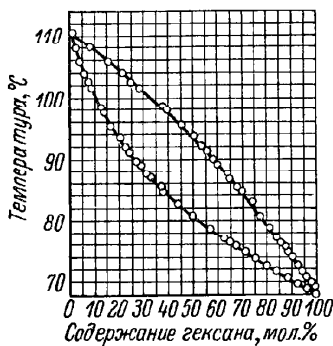
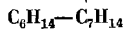
№ 1578

ГЕРКАН—ТОЛУОЛ

[1066]



x	y	t	P , ата	x	y	t	P , ата
0	0	225	11.58	23.6	55.2	250	23.81
7.4	40.6		13.59	38.5	67.6		27.24
21.4	64.7		16.99	57.0	76.6		30.6
40.5	79.2		20.4	79.0	79.0		33.49
69.5	92.8		23.81	0	0		19.21
100.0	100.0	230	25.58	3.6	13.3	260	20.4
0	0		12.49	13.8	36.4		23.81
3.8	21.8		13.58	25.2	50.9		27.24
16.3	56.6		16.99	39.0	60.7		30.6
32.2	72.2		20.4	56.7	66.8		34.02
55.6	85.5	240	23.79	66.6	66.6	270	35.4
94.6	98.7		27.17	0	0		21.94
100.0	100.0		27.54	4.9	13.9		23.81
0	0		14.49	15.0	31.8		27.24
8.4	34.3		17.0	25.6	44.8		30.6
20.6	56.8	250	20.4	38.1	53.0	280	34.02
36.0	71.0		23.81	55.3	55.3		36.91
57.4	83.5		27.17	0	0		25.0
87.0	92.4		30.6	5.9	13.1		23.81
92.6	92.6		30.99	15.5	27.8		27.24
0	0	250	16.71	24.8	38.9		30.6
0.9	4.6		17.02	37.0	44.8		37.37
11.7	38.7		20.4	44.3	44.3		38.16


 $P = 150 \text{ мм}$

 $P = 300 \text{ мм}$

 $P = 760 \text{ мм}$


x	y	t	P	x	y	t	P
0.0	0.0	100.95	760	13.4	29.2	94.05	760
1.5	4.25	100.0		18.4	36.5	92.0	
3.8	9.3	98.8		23.45	44.2	89.95	
6.55	15.1	97.45		29.15	50.75	87.8	
9.85	21.35	95.9		32.3	54.5	86.55	

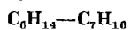
Таблица № 1580 (продолжение)

x	y	t	P	x	y	t	P
33.4	55.7	86.35	760	54.5	75.5	79.45	760
33.5	55.9	86.2		54.7	74.9	79.6	
36.45	60.3	84.9		55.0	75.3	79.55	
36.7	58.8	85.1		57.4	77.2	78.7	
36.9	58.8	85.1		58.0	77.8	78.4	
40.4	62.95	83.9		61.3	79.9	77.65	
41.7	62.45	83.6		68.65	84.3	75.9	
42.3	65.05	83.1		83.7	92.85	72.1	
46.65	68.65	82.0		84.1	93.3	72.05	
47.7	69.45	81.25		86.4	94.3	71.5	
50.95	72.8	80.6		91.1	96.4	70.55	
52.0	73.2	80.36		100.0	100.0	68.8	
52.4	73.8	79.85					

№ 1581

ГЕРСАН—ГЕПТАН

[709]

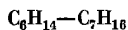


x	y	t	P	x	y	t	P
0.0	0.0	98.6	760	0.0	0.0	39.5	92.3
10.0	—	94.2		10.0	—	35.4	
14.1	27.4	—		14.1	31.2	—	
20.0	—	90.2		20.0	—	31.7	
30.0	—	86.6		30.0	—	28.3	
30.8	52.1	—		30.8	56.9	—	
40.0	—	83.3		40.0	—	25.2	
50.0	—	80.2		50.0	—	22.5	
51.8	74.1	—		51.8	77.3	—	
60.0	—	77.4		60.0	—	20.2	
70.0	—	75.1		70.0	—	18.3	
72.5	88.8	—		72.5	88.6	—	
80.0	—	72.8		80.0	—	16.6	
88.6	96.6	—		88.6	95.2	—	
90.0	—	70.8		90.0	—	15.2	
100.0	100.0	68.0		100.0	100.0	14.0	

№ 1582

ГЕРСАН—ГЕПТАН

[992]



x	y	t	P	x	y	t	P
0.00	0.00	30	58.0	46.86	72.91	30	116.3
16.61	35.52		77.7	56.72	79.89		129.8
30.47	55.47		95.0	64.17	84.70		139.9
36.80	62.63		104.1	79.88	92.82		158.8

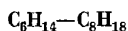
Таблица № 1582 (продолжение)

τ	y	t	P	x	y	t	P
88.64	95.85	30	171.0	56.72	79.15	50	281.6
100.00	100.00		186.1	64.17	82.92		303.9
0.00	0.00	50	141.1	72.13	86.72		325.3
14.14	30.45		177.0	88.64	96.20		373.5
32.98	54.80		219.7	100.00	100.00		400.0
48.37	71.75		261.6				

№ 1583

ГЕКСАН—ОКТАН

[709]

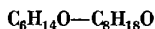


x	y	t	P	x	y	t	P
0.0	0.0	124.3	760	0.0	0.0	61.8	92.3
10.0	—	115.9		10.0	—	51.9	
14.8	56.0	—		14.8	55.0	—	
20.0	—	105.9		20.0	—	46.3	
30.0	—	97.2		30.0	—	40.0	
36.8	79.5	—		36.8	81.0	—	
40.0	—	92.3		40.0	—	34.3	
50.0	—	87.1		50.0	—	29.2	
56.6	93.7	—		56.6	91.3	—	
60.0	—	82.6		60.0	—	24.7	
70.0	—	78.4		70.0	—	20.9	
74.0	98.8	—		74.0	96.3	—	
80.0	—	74.9		80.0	—	17.6	
90.0	—	71.6		90.0	—	15.2	
90.4	99.4	—		90.4	98.9	—	
100.0	100.0	68.8		100.0	100.0	14.0	

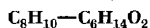
№ 1584

ГЕКСИЛОВЫЙ СПИРТ—ОКТИЛОВЫЙ СПИРТ

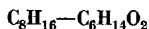
[930]



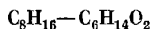
x	y	t	P	x	y	t	P
39.6	75.2	92.6	30	71.3	91.6	94.7	50
54.9	83.8	88.4		82.5	96.3	92.4	
70.9	93.8	84.7		41.7	72.2	117.8	100
82.4	96.7	82.4		54.9	83.0	113.4	
40.0	73.5	102.5	50	70.7	90.8	109.4	
53.1	84.0	98.5		83.0	94.9	106.5	



x	y	t	P	γ_1	γ_2
0.0	0.0	177.2	400	—	1.00
10.0	64.0	154.2		2.05	1.00
20.0	82.0	139.8		1.95	1.01
30.0	89.0	130.6		1.83	1.03
40.0	92.0	125.3		1.66	1.09
50.0	94.0	122.0		1.48	1.19
60.0	94.5	119.7		1.32	1.37
70.0	95.2	118.0		1.19	1.69
80.0	96.0	116.6		1.09	2.19
90.0	97.3	115.2		1.02	3.11
100.0	100.0	113.9		1.00	—



x	y	t	P	γ_1	γ_2
0.3	3.0	148.0	400	3.49	1.01
1.0	10.2	146.2		3.84	1.00
3.4	26.8	140.0		3.41	1.02
5.4	37.5	135.5		3.32	1.03
8.8	49.6	130.2		3.10	1.04
10.0	52.8	128.5		3.03	1.04
17.0	63.1	122.5		2.49	1.10
25.1	72.0	118.0		2.06	1.09
37.0	78.6	114.5		1.81	1.13
44.0	80.0	113.5		1.60	1.24
50.1	81.5	112.5		1.47	1.34
64.0	84.1	111.5		1.22	1.66
76.8	86.4	111.0		1.09	2.25
84.0	89.6	110.0		1.04	2.60
93.6	95.0	109.6		1.00	3.16
94.1	95.3	109.4		1.00	3.26



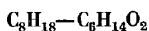
x	y	t	P	γ_1	γ_2
0.0	0.0	177.2	400	—	1.00
10.0	76.0	143.6		2.95	1.00
20.0	88.0	128.6		2.55	1.00
30.0	93.0	120.8		2.13	1.02

α	y	t	P	γ_1	γ_2
40.0	95.0	116.1	400	1.89	1.08
50.0	96.0	113.4		1.64	1.21
60.0	97.0	112.0		1.43	1.44
70.0	97.0	111.2		1.25	1.87
80.0	97.0	110.5		1.12	2.63
90.0	97.0	109.7		1.03	4.11
100.0	100.0	109.1		1.00	—

№ 1588

ОКТАН—БУТИЛЦЕЛЛОЗОЛЬ

[863]

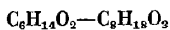


x	y	t	P	γ_1	γ_2
2.2	20.4	142.0	400	3.17	1.03
6.0	40.7	132.5		2.96	1.09
12.8	60.6	122.7		2.71	1.11
21.0	72.2	116.0		2.39	1.11
32.2	79.6	109.3		2.10	1.23
45.0	82.8	107.0		1.68	1.41
58.0	86.2	106.0		1.40	1.54
73.8	88.6	105.0		1.17	2.13
74.4	88.2	105.0		1.15	2.25
88.2	92.8	104.5		1.04	3.04
93.8	95.2	104.3		1.01	3.90

№ 1589

[499]

МОНОБУТИЛОВЫЙ ЭФИР ЭТИЛЕНГЛИКОЛЯ—
МОНОБУТИЛОВЫЙ ЭФИР ДИЭТИЛЕНГЛИКОЛЯ

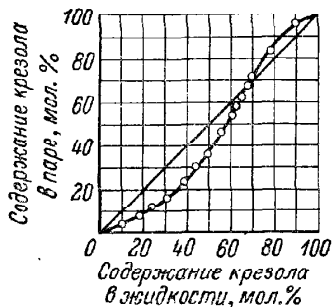


x	y	t	P	x	y	t	P
4.2	34.1	Нет данных	80	42.6	81.8	Нет данных	80
6.5	45.0			60.7	88.4		
9.9	51.0			66.8	90.4		
10.2	51.8			81.0	94.1		
22.6	69.0			84.8	96.1		
40.0	81.6						

№ 1590

[830]

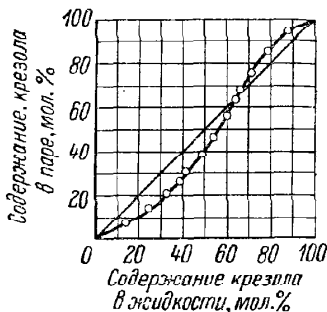
м-КРЕЗОЛ—2[2-ЭТОКСИЭТО-
КСИ]-ЭТАНОЛ
 $C_7H_8O-C_6H_{11}O_3$

 $P = 760$ мм

№ 1591

[830]

п-КРЕЗОЛ—2[2-ЭТОКСИЭТО-
КСИ]-ЭТАНОЛ
 $C_7H_8O-C_6H_{14}O_3$

 $P = 760$ мм

№ 1592

ТРИЭТИЛАМИН—МЕЗТИЛЕН

[796]

 $C_6H_{15}N-C_6H_{12}$

x	y	t	P	γ_1	γ_2
0	0	20	2.24	—	1.000
5	58.64		5.15	1.154	1.000
7	66.98		6.3	1.151	1.000
9	72.61		7.44	1.146	1.000
12	78.44		9.12	1.139	1.002
15	82.39		10.77	1.130	1.003
20	86.6		13.49	1.116	1.006
25	89.48		16.14	1.103	1.009
30	91.49		18.67	1.087	1.015
40	94.16		23.58	1.060	1.030
50	95.88		28.37	1.039	1.046
60	97.11	40	33.12	1.025	1.065
70	98.07		37.68	1.014	1.085
80	98.83		42.68	1.007	1.109
90	99.47		47.53	1.003	1.136
100	100		52.43	1.000	—
0	0		7.43	—	1.000
5	50.97		14.36	1.122	1.000
6	55.9		15.74	1.121	1.000
8	63.08		18.48	1.117	1.000
10	68.54		21.21	1.115	1.001
14	76.03		26.26	1.107	1.002
18	80.91		31.94	1.100	1.003
22	84.34		37.15	1.091	1.005

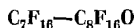
Таблица № 1592 (продолжение)

x	y	t	P	γ_1	γ_2
20	86.94	40	42.24	1.081	1.008
30	88.88		47.23	1.072	1.011
40	92.31		59.3	1.049	1.024
50	94.61		71.15	1.033	1.037
60	96.23		82.96	1.019	1.053
70	97.48		94.79	1.011	1.070
80	98.4		106.67	1.006	1.089
90	99.31		118.65	1.002	1.109
100	100		130.85	1.000	—

№ 1593

[1094]

ПЕРФТОРГЕПТАН—ОКИСЬ ПЕРФТОРЦИКЛООКТАНА

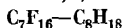


x	y	t	P	γ_1	γ_2
0.0	0.0	102.6	760	—	1.000
2.8	5.1	101.7		1.006	1.002
7.6	13.5	100.3		1.020	1.005
12.3	21.0	99.0		1.030	1.004
17.2	28.5	97.7		1.030	1.002
21.5	34.6	96.6		1.030	1.067
34.6	51.0	93.6		1.040	1.076
44.4	61.2	91.7		1.028	0.998
57.3	71.8	89.4		1.002	0.986
62.1	75.7	88.4		0.997	0.997
68.8	80.9	87.3		0.993	0.978
79.5	88.2	85.5		0.993	0.990
90.6	94.8	83.6		0.994	1.010
95.1	97.2	82.8		0.997	1.073
100.0	100.0	82.0		1.000	—

№ 1594

ПЕРФТОРГЕПТАН—2,2,4-ТРИМЕТИЛПЕНТАН

[770]



x	y	t	P	x	y	t	P
0.00	0.00	30	62.51	44.95	58.35	30	138.18
1.19	31.95		75.51	57.02	59.19		138.55
4.50	42.95		105.27	60.90	59.20		138.02
8.50	49.60		120.94	66.52	60.65		138.58
15.52	54.45		132.13	69.40	61.31		138.39

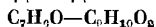
Таблица № 1594 (продолжение)

x	y	t	P	x	y	t	P
79.42	64.05	30	135.90	74.45	65.05	50	313.26
84.86	68.02		132.40	83.20	70.60		303.91
90.10	73.86		126.64	94.40	85.45		272.40
92.88	78.20		121.52	100.00	100.00		236.72
96.20	86.55		112.92	0.00	0.00	70	306.16
100.00	100.00	50	98.11	1.75	10.82		359.17
0.00	0.00		146.63	4.60	28.45		445.89
1.30	12.10		174.81	11.85	44.10		547.58
9.15	45.65		270.92	19.80	51.30		592.93
12.82	49.85	50	284.23	30.62	55.29	70	618.17
17.42	52.45		293.62	60.05	61.75		639.13
20.10	54.60		301.88	60.08	61.90		639.93
35.50	57.60		311.00	68.10	64.35		638.68
57.30	60.03		315.05	84.00	74.30		614.28
62.40	60.90	50	315.36	92.15	84.60	70	578.41
71.50	63.85		313.66	100.00	100.00		503.68

№ 1595

БЕНЗАЛЬДЕГИД—БЕНЗИЛАЦЕТАТ

[160]



x	y	t	P	x	y	t	P
8.2	25.5	141.7	100	72.2	92.6	120.9	100
16.7	41.0	132.6		76.2	96.1	120.2	
32.5	68.5	126.2		83.0	97.4	119.4	
56.8	83.5	122.2					

№ 1596

[136]

o-НИТРОТОЛУОЛ—

m-НИТРОТОЛУОЛ



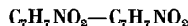
x	y	t	P
9.98	15.1	163.3	120
20.11	24.6	162.8	
30.06	37.6	161.7	
39.92	46.8	160.9	
49.90	59.4	160.2	
60.12	68.4	159.3	
70.21	76.8	158.4	
79.96	86.5	157.3	
90.00	92.2	156.7	

№ 1597

[136]

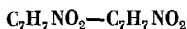
o-НИТРОТОЛУОЛ—

n-НИТРОТОЛУОЛ



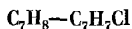
x	y	t	P
29.9	41.0	165.3	120
36.0	47.6	164.6	
51.3	64.8	162.2	
59.8	71.4	161.2	
69.8	79.5	159.7	
79.7	87.2	158.7	
84.7	90.7	157.9	
89.7	94.0	157.3	
94.3	97.3	156.8	

m-НИТРОТОЛУОЛ—n-НИТРОТОЛУОЛ



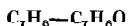
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
39.75	43.8	Нет данных	120
47.40	53.1		
50.12	54.7		
60.15	66.6		
69.88	74.1		
79.98	82.8		
80.06	82.8		
80.38	83.0		
90.06	91.0		
95.02	95.2		

ТОЛУОЛ—ХЛОРИСТЫЙ БЕНЗИЛ



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.00	178.0	760	57.87	91.90	123.4	760
6.75	26.16	169.5		67.33	95.40	117.6	
13.24	46.24	161.5		76.22	97.64	114.0	
25.57	72.02	148.8		84.60	99.04	111.8	
37.06	81.56	138.6		92.51	99.64	110.5	
47.81	87.42	130.5		100.00	100.00	110.0	

ТОЛУОЛ—n-КРЕЗОЛ



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	γ_1	γ_2
0.0	0.0	202.2	760	—	1.000
2.5	27.3	189.0		1.706	1.065
5.8	46.6	181.0		1.434	1.027
7.8	53.5	175.8		1.321	1.069
9.7	58.8	173.8		1.212	1.026
10.3	60.8	172.9		1.204	1.008
11.9	67.4	167.7		1.291	1.001
12.5	69.4	165.8		1.324	1.001
15.0	75.6	159.8		1.377	1.024
17.3	78.2	157.1		1.321	1.038
23.4	86.0	146.1		1.424	1.052
25.3	87.0	145.2		1.359	1.039

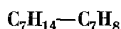
Таблица № 1600 (продолжение)

x	y	t	P	γ_1	γ_2
27.8	88.5	142.2	760	1.362	1.062
33.0	90.9	137.6		1.327	1.077
49.3	95.1	127.8		1.205	1.118
52.8	95.8	125.8		1.194	1.114
66.5	97.2	120.8		1.043	1.286
76.5	98.2	117.0		1.079	1.393
100.0	100.0	110.7		1.000	—

№ 1601

МЕТИЛЦИКЛОГЕКСАН—ТОЛУОЛ

[871]

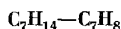


x	y	t	P	x	y	t	P
0	0.0	110.6	760	55	60.4	103.15	760
5	7.5	109.55		60	65.0	102.75	
10	14.3	108.55		65	69.4	102.45	
15	21.0	107.65		70	73.7	102.15	
20	27.0	106.9		75	77.8	101.90	
25	32.6	106.2		80	81.8	101.65	
30	37.8	105.6		85	86.0	101.4	
35	42.4	105.0		90	90.6	101.2	
40	47.0	104.5		95	95.4	101.0	
45	51.5	104.0		100	100.0	100.85	
50	56.0	103.55					

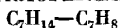
№ 1602

МЕТИЛЦИКЛОГЕКСАН—ТОЛУОЛ

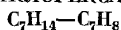
[545]



x	y	t	P	γ_1	γ_2
10	14.6	108.6	760	1.199	1.002
20	27.0	106.9		1.154	1.009
30	37.9	105.6		1.117	1.021
40	47.6	104.5		1.085	1.037
50	56.6	103.6		1.058	1.058
60	65.5	102.8		1.037	1.085
70	73.6	102.2		1.021	1.118
80	82.3	101.6		1.009	1.157
90	90.8	101.2		1.002	1.203



x	y	t	P	γ_1	γ_2
0.20	0.70	69.3	200	—	1.00
1.70	3.90	68.7		1.66	1.00
7.40	14.30	67.3		1.47	1.00
10.85	18.70	66.6		1.34	1.01
15.30	25.70	65.7		1.35	1.01
21.00	31.25	64.8		1.23	1.03
28.20	38.75	63.8		1.18	1.06
32.95	43.85	63.4		1.16	1.05
48.05	57.75	61.6		1.12	1.10
51.00	60.45	61.4		1.11	1.10
59.50	67.30	61.1		1.06	1.10
68.65	74.40	60.7		1.04	1.19
60.25	75.25	60.7		1.04	1.13
77.30	81.70	60.3		1.03	1.14
83.00	85.30	60.2		1.00	1.23
89.75	91.75	60.1		1.01	1.15
88.45	90.25	60.0		1.01	1.21
98.75	99.50	59.7		1.03	—
0.05	0.13	89.4	400	1.93	1.00
5.40	8.70	88.6		1.22	0.99
11.45	18.20	87.6		1.24	0.99
19.30	28.05	86.4		1.17	0.99
25.70	35.80	85.7		1.15	0.98
35.70	45.50	84.4		1.10	1.00
41.30	50.80	83.7		1.08	1.01
48.20	56.80	83.0		1.06	1.03
54.85	62.20	82.4		1.04	1.06
63.70	69.40	81.6		1.02	1.09
69.60	74.45	81.2		1.02	1.11
79.80	83.20	80.5		1.00	1.12
88.30	89.90	80.2		1.00	1.18
99.00	99.20	79.7		1.00	1.10



x	y	t	P	$\lg \frac{\gamma_1}{\gamma_2}$
3.25	5.35	Нет данных	760	0.117
6.40	10.40			0.121
7.15	10.75			0.085
12.95	18.40			0.072
17.65	24.35			0.067
23.65	30.85			0.048
28.75	30.35			0.040
33.70	41.85			0.040

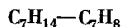
Таблица № 1604 (продолжение)

x	y	t	P	$\lg \frac{Y_1}{Y_2}$
43.00	50.35	Нет данных	760	0.014
45.80	53.00			0.012
51.15	57.60			0.000
55.30	61.05			—0.011
56.65	62.20			—0.014
61.60	66.45			—0.022
62.90	67.40			—0.028
68.85	72.60			—0.036
69.35	73.05			—0.037
77.05	79.60			—0.051
77.10	79.50			—0.055
83.20	84.85			—0.062
85.55	86.90			—0.068
90.00	90.80			—0.077
91.85	92.45			—0.083
95.80	96.05			—0.090

№ 1605

МЕТИЛЦИКЛОГЕКСАН—ТОЛУОЛ

[963]



x	y	t	P	x	y	t	P
9.70	16.57	60.0	151.28	9.95	15.55	90.0	435.92
9.75	16.60		151.27	19.82	28.15		459.55
19.83	30.43		162.14	20.06	28.20		459.69
20.23	30.93		162.50	29.90	38.80		479.54
30.13	41.38		170.97	40.03	48.32		497.35
40.15	50.56		178.55	50.03	57.03		510.88
49.95	58.98		184.79	60.05	65.48		524.25
59.60	66.47		189.88	69.95	73.85		533.92
60.00	66.75		189.74	70.02	73.80		534.00
69.95	74.76		194.37	80.02	81.95		542.33
70.01	74.73	80.0	194.40	89.93	90.85	100.02	547.70
79.85	82.50		197.89	90.00	90.70		548.17
79.95	82.62		197.95	10.02	15.23		593.84
90.10	91.05		200.63	20.00	27.75		624.22
90.10	91.08		200.99	20.00	27.72		624.59
9.77	15.68		313.67	29.90	38.00		648.85
9.85	15.72		313.87	30.05	38.15		649.59
20.18	29.18		333.30	40.03	47.75		671.34
20.20	29.10		333.08	40.03	47.85		670.58
30.05	39.70		348.57	49.95	56.55		689.38
40.22	49.12	90.0	361.81	59.95	65.05		705.29
49.05	57.40		372.27	60.00	65.00		705.59
59.90	65.90		381.68	69.95	73.60		717.89
69.95	74.12		389.92	70.02	73.65		719.13
70.02	74.20		390.42	79.95	82.05		727.49
79.76	82.05		395.85	79.95	81.95		727.55
90.05	90.90		401.27	90.05	90.80		735.61
19.92	15.50		425.89				

№ 1606

ГЕПТАН—ТОЛУОЛ
 $C_7H_{16}-C_7H_8$

[385]

x	y	t	P	x	y	t	P
7.95	13.35	108.8	760	50.05	57.85	101.8	760
9.40	15.20	—		57.20	63.80	—	
19.85	28.70	106.4		67.80	72.45	100.2	
29.00	38.40	—		85.80	87.35	—	
35.10	43.90	103.8		93.90	93.70	—	
40.90	49.30	—					

№ 1607

ГЕПТАН—ТОЛУОЛ
 $C_7H_{16}-C_7H_8$

[1008]

x	y	t	P	γ_1	γ_2
0.0	0.0	110.62	760	—	1.000
2.5	4.8	110.75		1.388	1.001
6.2	10.7	108.60		1.287	1.009
12.9	20.5	106.80		1.246	1.019
18.5	27.5	105.65		1.204	1.027
23.5	33.3	104.80		1.175	1.032
25.0	34.9	104.5		1.168	1.036
28.6	39.6	103.83		1.180	1.030
35.4	45.4	102.95		1.121	1.057
41.2	50.4	102.25		1.091	1.077
44.8	54.1	101.78		1.091	1.077
45.5	54.0	101.72		1.075	1.095
49.7	57.7	101.35		1.062	1.103
56.8	63.7	100.7		1.046	1.124
58.0	64.7	100.6		1.043	1.128
60.2	74.2	99.73		1.028	1.154
84.3	86.4	98.9		1.007	1.223
94.0	94.8	98.5		1.003	1.239
97.5	97.6	98.4		1.001	1.377
99.4	99.3	98.35		1.001	1.677
100.0	100.0	98.3		1.000	—

№ 1608

ГЕПТАН—ТОЛУОЛ
 $C_7H_{16}-C_7H_8$

[984]

x	y	t	P	x	y	t	P
0.0	0.0	110.62	760	17.0	25.9	106.90	760
6.2	11.0	109.10		18.5	27.7	106.08	
9.3	15.1	108.12		22.3	31.8	105.40	
13.7	21.3	107.60		22.8	32.3	105.80	

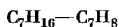
Таблица № 1608 (продолжение)

x	y	t	P	x	y	t	P
28.4	38.1	104.43	760	68.6	73.3	100.00	760
37.6	47.1	103.13		74.5	77.5	99.65	
40.3	49.0	103.10		76.2	79.4	99.50	
49.7	57.2	101.68		82.0	84.3	99.17	
52.2	59.9	101.60		87.4	88.7	98.87	
53.4	61.0	101.25		88.1	89.8	98.80	
60.5	67.1	100.70		92.8	93.6	98.65	
68.4	73.2	100.10		100.0	100.0	98.45	

№ 1609

ГЕНТАН—ТОЛУОЛ

[604]

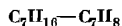


x	y	t	P	γ_1	γ_2
0.0	0.0	110.6	760	—	1.00
3.0	5.3	109.7		1.29	1.002
7.4	12.4	108.5		1.26	1.005
12.2	19.1	107.3		1.22	1.013
12.3	19.4	107.3		1.23	1.010
18.4	27.1	106.0		1.18	1.02
19.3	28.2	105.8		1.18	1.02
22.8	32.3	105.1		1.17	1.03
24.0	33.7	105.0		1.16	1.02
29.4	39.5	104.0		1.14	1.04
32.9	43.0	103.6		1.12	1.04
34.5	44.5	103.3		1.12	1.05
39.9	49.2	102.7		1.09	1.06
41.1	50.5	102.5		1.09	1.06
47.0	55.5	102.0		1.06	1.08
52.7	60.2	101.2		1.05	1.11
58.8	65.0	100.8		1.03	1.13
65.5	70.3	100.2		1.02	1.17
74.2	77.4	99.6		1.008	1.21
81.3	83.3	99.2		1.000	1.25
86.8	88.2	99.0		0.998	1.26
90.6	91.7	98.9		1.000	1.25
95.2	95.8	98.8		0.995	1.24
100.0	100.0	98.4		1.000	

№ 1610

ГЕНТАН—ТОЛУОЛ

[545]



x	y	t	P	γ_1	γ_2
10	16.1	108.0	760	1.246	1.003
20	29.1	105.9		1.191	1.011
30	40.1	104.2		1.143	1.025
40	49.7	102.8		1.104	1.045

Таблица № 1610 (продолжение)

x	y	t	P	γ_1	γ_2
50	58.3	101.6	760	1.070	1.071
60	66.6	100.7		1.044	1.104
70	75.0	99.9		1.025	1.145
80	82.7	99.2		1.011	1.193
90	91.1	98.8		1.002	1.250

№ 1611

ГЕПТАН—ТОЛУОЛ

[931]

 $C_7H_{16}-C_7H_8$

x	y	t	P	γ_1	x	y	t	P	γ_1
0	0.0	110.59	760	—	60	66.4	100.60	760	1.039
10	16.6	107.73		1.273	70	74.4	99.82		1.020
20	29.4	105.02		1.196	80	82.75	99.26		1.010
30	40.05	103.88		1.160	90	91.2	98.78		1.003
40	49.7	102.59		1.101	100	100.0	98.43		1.000
50	58.25	101.52		1.065					

№ 1612

ГЕПТАН—ТОЛУОЛ

[609]

 $C_7H_{16}-C_7H_8$

x	y	t	P
20.0	29.9	105.20	760
40.0	50.0	102.16	
60.0	66.8	100.30	
80.0	83.1	99.16	

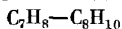
№ 1613

ГЕПТАН—ТОЛУОЛ

[362]

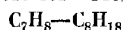
 $C_7H_{16}-C_7H_8$

x	y	t	P	x	y	t	P
0	0.0	110.63	760	60	66.4	100.6	760
1	1.84	110.3		70	74.4	99.86	
5	8.7	109.1		80	82.6	99.25	
10	16.3	107.9		90	91.1	98.77	
20	29.2	105.7		95	95.5	98.58	
30	40.0	104.0		99	99.1	98.46	
40	49.4	102.6		100	100.0	98.42	
50	58.1	101.5					

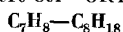


x	y	t	P
6.7	25.9	134	760
24.4	58.1	127	
47.0	77.6	121.5	
73.0	92.2	116	
88.8	97.7	112	

Примечание. Данные рассчитаны по графикам, приведенным в статье.



x	y	t	P	x	y	t	P
9.70	16.40	123.0	760	66.30	73.00	—	760
20.30	29.70	120.0		72.15	77.85	112.0	
30.00	41.00	119.0		75.70	80.30	112.3	
34.60	46.05	118.0		79.45	83.25	112.0	
40.75	52.65	117.3		82.35	85.55	—	
48.00	58.55	115.0		85.80	88.25	—	
52.70	62.35	115.8		90.75	92.25	110.9	
57.10	66.20	—		94.50	95.50	—	
61.45	69.75	114.0					



x	y	t	P	x	y	t	P
0.0	0.0	Нет данных	20	77.7	84.7	Нет данных	20
2.5	5.0			82.7	88.0		
6.7	14.5			86.5	90.0		
10.0	20.4			91.0	93.0		
15.0	25.5			93.5	95.0		
20.2	33.0			100.0	100.0		
20.8	33.2			0.0	0.0	50.7	50
24.2	39.6			0.1	1.3	50.4	
32.1	48.0			1.1	5.3	49.8	
40.7	57.7			3.8	11.7	48.8	
49.4	64.3			5.3	16.0	48.3	
57.5	70.0			8.9	21.2	47.5	
66.4	76.5			13.8	28.5	46.7	
72.5	81.5			17.1	34.0	45.8	

Таблица № 1616 (продолжение)

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
20.5	40.0	45.0	50	0.0	0.0	94.4	300
26.5	46.0	44.2		2.0	7.6	93.1	
32.5	52.0	43.4		3.8	12.1	92.3	
36.0	55.0	42.8		9.1	20.0	91.4	
44.0	61.0	41.7		14.0	25.5	90.7	
45.3	62.5	41.2		20.2	37.5	88.8	
53.5	67.0	40.5		28.0	47.5	87.3	
60.5	74.0	40.2		40.0	58.0	85.7	
67.0	80.5	39.3		53.0	67.0	83.1	
74.0	83.5	38.9		60.5	73.6	82.0	
84.5	89.0	38.2		69.0	81.7	81.3	
88.0	91.0	37.9		75.0	84.0	80.8	
91.0	93.0	37.6		84.5	88.3	80.6	
93.5	95.0	37.4		90.5	93.0	80.4	
95.5	96.3	37.0		83.2	95.6	80.2	
100.0	100.0	36.9		100.0	100.0	80.1	
0.0	0.0	65.5	100	0.0	0.0	103.0	400
0.1	1.4	65.1		1.8	6.7	101.6	
2.8	7.0	64.6		5.2	15.0	100.0	
3.0	7.7	64.2		9.5	23.3	98.5	
3.5	10.8	64.0		16.5	36.5	97.0	
9.8	21.5	63.4		22.0	44.0	95.4	
13.0	25.5	62.3		28.8	51.0	94.5	
17.0	33.0	61.2		30.5	54.0	94.4	
23.5	43.5	59.6		40.3	59.5	93.7	
32.5	55.2	58.4		47.5	63.3	93.5	
42.0	61.5	57.0		50.5	67.0	92.5	
50.5	66.5	55.6		54.5	69.5	92.0	
61.2	74.5	55.2		58.0	70.5	91.5	
70.0	82.3	54.4		66.6	80.2	91.2	
80.0	84.5	53.8		75.5	84.0	90.7	
85.0	89.2	53.3		82.0	86.2	90.3	
89.1	91.5	53.0		84.0	89.5	89.6	
92.5	94.2	52.6		89.0	92.2	89.2	
94.3	95.6	52.2		93.0	95.6	88.9	
100	100.0	52.0		96.3	97.0	88.8	
0.0	0.0	83.4	200	100.0	100.0	88.7	
1.2	8.2	82.0		0.0	0.0	118.4	640
6.0	13.0	81.0		1.2	5.2	116.6	
10.3	23.5	79.4		3.0	10.0	115.8	
19.0	34.5	78.0		4.5	13.0	115.3	
26.5	45.5	76.2		7.3	19.0	114.8	
36.5	56.0	74.8		11.3	25.5	114.0	
47.5	64.5	73.8		16.5	32.5	112.8	
55.0	70.0	72.8		23.5	41.0	110.5	
66.5	80.2	71.0		30.0	50.0	109.4	
75.0	84.2	70.0		35.0	55.0	108.8	
83.5	88.0	69.7		42.0	60.2	107.8	
89.0	92.0	69.6		47.5	65.0	107.2	
94.0	95.6	69.5		55.0	69.0	106.5	
100.0	100.0	69.4		60.0	72.0	105.8	

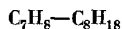
Таблица № 1616 (продолжение)

x	y	t	P	x	y	t	P
66.5	77.0	105.6	640	11.0	22.0	120.7	760
70.0	82.5	105.0		19.5	33.0	119.0	
74.5	84.0	104.6		25.0	42.5	117.4	
80.5	86.0	104.2		32.5	48.0	116.2	
83.5	88.0	104.0		40.0	58.0	115.0	
86.0	89.8	103.8		50.0	65.5	113.8	
88.0	91.5	103.6		59.0	70.0	113.0	
90.5	93.0	103.4		67.5	79.0	112.3	
93.5	95.7	103.3		76.5	84.0	111.6	
100.0	100.0	103.2		84.0	88.5	111.0	
0.0	0.0	125.2	760	91.7	93.3	110.5	
0.9	3.4	124.0		95.7	96.7	110.2	
3.0	7.8	123.0		100.0	100.0	110.1	
6.0	15.0	122.2					

№ 1617

ТОЛУОЛ—ОКТАН

[479]

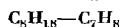


x	y	t	P	γ_1	γ_2
3.85	7.00	124.14	760	1.229	1.009
14.25	22.62	121.67		1.171	1.009
16.12	25.00	120.85		1.170	1.024
19.37	29.12	120.30		1.149	1.021
28.62	40.00	118.56		1.121	1.028
36.12	48.00	116.94		1.114	1.044
46.62	58.00	115.48		1.100	1.053
56.87	66.62	114.12		1.062	1.079
65.50	73.52	113.32		1.041	1.091
73.87	79.87	112.44		1.026	1.129
78.56	83.31	112.11		1.017	1.152
82.50	86.12	111.78		1.010	1.185
85.75	88.75	111.28		1.016	1.198
88.50	90.75	110.92		1.016	1.259
91.00	92.50	110.91		1.008	1.279
92.65	93.87	110.86		1.006	1.281

№ 1618

ИЗООКТАН—ТОЛУОЛ

[494]



x	y	t	P	γ_1	γ_2
2.02	3.45	110.3	760	1.268	1.000
6.99	11.25	109.1		1.238	1.005
7.36	12.38	109.0		1.266	0.981
14.00	20.30	107.3		1.180	1.012

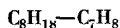
Таблица № 1618 (продолжение)

x	y	t	P	γ_1	γ_2
21.80	30.20	107.2	760	1.140	1.020
28.64	38.06	107.3		1.090	0.982
40.97	50.50	103.9		1.057	1.040
47.12	54.90	103.3		1.008	1.028
52.04	59.60	103.1		1.048	1.050
57.93	63.92	102.8		0.983	1.058
61.80	67.46	101.7		1.010	1.089
72.20	76.73	101.1		1.000	1.094
80.20	82.90	100.2		1.010	1.158
88.70	90.10	100.0		0.982	1.170
91.84	92.60	99.6		0.990	1.240
96.61	96.85	99.4		1.005	1.260

№ 1619

ИЗООКТАН—ТОЛУОЛ

[984]

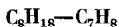


x	y	t	P	x	y	t	P
0.0	0.0	110.56	760	46.4	54.1	101.77	760
5.1	9.5	108.92		48.8	56.4	101.66	
5.5	9.9	108.78		60.5	65.7	100.89	
8.3	14.1	107.85		60.8	66.3	100.77	
8.6	14.3	107.53		61.3	66.4	100.75	
17.5	26.2	105.84		79.6	81.5	99.76	
19.0	27.8	105.38		80.0	82.3	99.59	
29.6	38.8	103.74		80.3	82.3	99.72	
30.3	39.3	103.71		88.1	89.0	99.45	
30.6	39.7	103.63		90.9	91.6	99.40	
42.6	50.6	102.28		93.6	93.8	99.32	
42.9	51.0	102.32		100.0	100.0	99.27	
46.3	53.8	101.80					

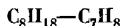
№ 1620

ИЗООКТАН—ТОЛУОЛ

[1029]



x	y	t	P	x	y	t	P
4.00	7.00	109.7	760	50.70	58.60	102.9	760
8.00	13.07	108.9		62.43	67.97	101.8	
17.00	25.40	107.3		74.80	78.25	100.9	
26.80	36.94	105.7		86.50	87.80	100.0	
36.20	45.60	104.5		94.30	94.90	99.5	
46.50	45.50	103.4					



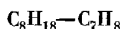
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
4.93	8.77	Нет данных	760	37.23	43.90	129.0	1443
5.00	8.90			40	—		
7.25	12.34			45.94	52.40		
13.07	20.16			46.48	52.38		
13.15	20.00			56.28	61.00	127.3	
21.40	30.40			56.43	61.00		
21.60	30.52			56.75	61.25		
25.77	36.06			56.90	61.26		
26.62	36.00			60	—	126.2	
34.55	44.20			60.60	65.10		
34.90	44.17			61.10	65.40		
35.16	43.78			80	—		
35.30	43.78			81.85	83.18	125.8	3) 1
45.22	53.15			81.90	83.20		
45.47	53.10			90.95	91.60		
46.07	54.45			91.50	91.56		
46.15	54.30			100.00	—	168.6	
47.56	55.15			0.0	0.0		
47.80	55.15			5.25	7.77		
52.40	59.55			5.30	7.60		
53.33	59.83			8.18	11.54	163.7	
57.45	63.03			11.41	16.25		
57.55	62.93			11.47	15.98		
59.47	64.46			18.18	23.70		
59.53	64.40			19.75	25.87		
59.97	64.87			20	—		
60.15	65.55			20.10	26.03		
74.30	77.18			23.60	30.77		
74.40	77.18			23.86	29.78		
76.80	79.63			23.91	30.06		
77.20	79.65			24.79	30.68		
91.07	92.34			26.97	32.20		
96.20	96.50			27.03	32.27		
0.0	0.0	136.9	1113	29.46	35.02		
7.63	11.68			33.80	40.35		
14.93	21.70			34.65	39.60		
15.50	21.54			35.50	41.30		
17.96	24.58	131.9		35.55	41.55	161.1	
18.70	25.22			35.74	41.33		
20	—			40	—		
21.12	28.58			44.27	49.20		
21.18	28.58			44.33	49.22	159.3	
28.65	36.25			49.00	53.17		
28.84	36.22			58.58	61.66		
34.43	41.57			58.62	61.60		
34.47	41.70			60	—		
36.40	42.95			63.35	65.67		
36.67	43.50			64.52	67.57		
37.05	43.75			72.55	74.30		
				72.67	74.36		

Таблица № 1621 (продолжение)

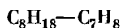
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
73.50	75.04	159.3	3051	84.20	84.95	158.3	3051
73.67	75.33			86.70	86.90		
74.05	75.63			89.40	90.00		
74.10	75.73			89.60	90.05		
80	—	158.3		100.00	—	157.8	
84.10	85.00						

№ 1622

2,2,4-ТРИМЕТИЛПЕНТАН—ТОЛУОЛ

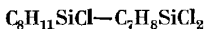


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0	0.0	20	21.8	60	73.2	40	72.8
10	14.1		22.7	70	82.1		77.8
20	28.5		23.9	80	89.5		83.8
30	41.7		25.4	90	95.4		90.5
40	53.7		27.0	100	100.0		97.2
50	64.8		28.7	0	0.0	50	92.1
60	74.0		30.8	10	10.8		92.4
70	81.7		32.7	20	22.1		93.6
80	88.5		34.7	30	35.5		94.4
90	94.6		36.8	40	48.0		100.0
100	100.0		38.6	50	61.5		103.0
0	0.0	30	36.7	60	72.3		110.1
10	14.2		37.9	70	82.4		117.8
20	27.9		39.4	80	89.7		123.9
30	41.1		41.6	90	95.9		137.3
40	52.8		44.1	100	100.0		146.5
50	63.0		47.0	0	0.0	60	138.9
60	72.2		49.7	10	8.3		132.4
70	80.1		52.8	20	17.8		125.0
80	86.9		56.3	30	31.7		130.4
90	93.3		60.0	40	45.8		133.6
100	100.0		62.4	50	60.1		139.8
0	0.0	40	59.2	60	73.3		149.6
10	12.9		59.9	70	83.8		164.4
20	25.5		60.8	80	91.9		179.3
30	38.3		62.6	90	96.1		193.4
40	50.9		65.4	100	100.0		214.4
50	62.8		68.5				



x	y	t	P	γ_1	γ_2
0.0	0.0	100.0	556.3	—	1.0000
10.0	17.03		604.3	1.3269	1.0048
20.0	20.80		643.6	1.2324	1.0182
30.0	40.22		676.0	1.1671	1.0390
40.0	49.05		702.0	1.1085	1.0676
50.0	57.53		721.3	1.0687	1.0990
60.0	65.59		736.2	1.0363	1.1389
70.0	73.95		748.4	1.0181	1.1692
80.0	82.23		758.5	1.0039	1.2162
90.0	90.92		769.5	1.0010	1.2564
100.0	100.0		776.6	1.0000	—
0.0	0.0	110.60	760	—	—
10.0	16.47	107.90		—	—
20.0	29.38	105.77		—	—
30.0	39.96	104.10		—	—
40.0	48.99	102.72		—	—
50.0	57.50	101.72		—	—
60.0	65.54	101.03		—	—
70.0	73.94	100.41		—	—
80.0	82.23	99.90		—	—
90.0	90.92	99.50		—	—
100.0	100.0	99.21		—	—

ДИМЕТИЛФЕНИЛХЛОРСИЛАН—МЕТИЛФЕНИЛДИХЛОРСИЛАН

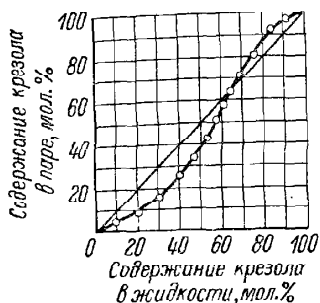


x	y	t	P	x	y	t	P
10.0	12.7	113.3	50	10.0	12.2	202.3	755
23.0	28.2	112.4		23.0	27.2	201.1	
50.0	57.0	110.4		50.0	55.5	198.5	
78.0	82.5	108.6		78.0	81.6	196.2	
90.0	92.2	107.7		90.0	91.9	195.1	

№ 1625

[830]

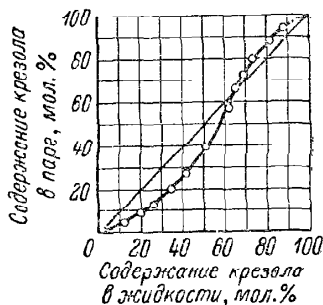
м-КРЕЗОЛ—МЕТИЛ-2[2-ЭТО-
КСИЭТОКСИ]-ЭТАНОЛ
 $C_7H_8O-C_7H_{16}O_3$

 $P = 760$ мм

№ 1626

[830]

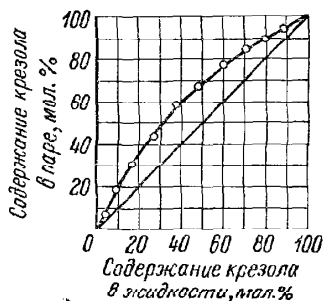
п-КРЕЗОЛ—МЕТИЛ-2[2-ЭТО-
КСИЭТОКСИ]-ЭТАНОЛ
 $C_7H_8O-C_7H_{16}O_3$

 $P = 760$ мм

№ 1627

[830]

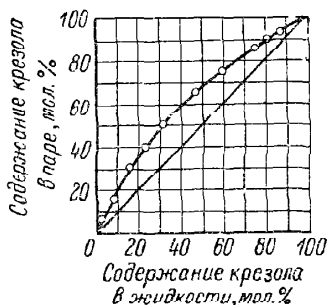
м-КРЕЗОЛ—2-ЭТИЛКАПРОНО-
ВАЯ КИСЛОТА
 $C_7H_8O-C_8H_{16}O_2$

 $P = 760$ мм

№ 1628

[830]

п-КРЕЗОЛ—2-ЭТИЛКАПРОНО-
ВАЯ КИСЛОТА
 $C_7H_8O-C_8H_{16}O_2$

 $P = 760$ мм

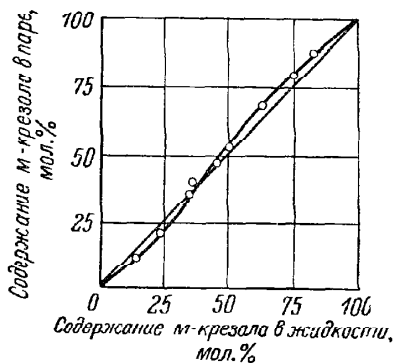
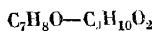
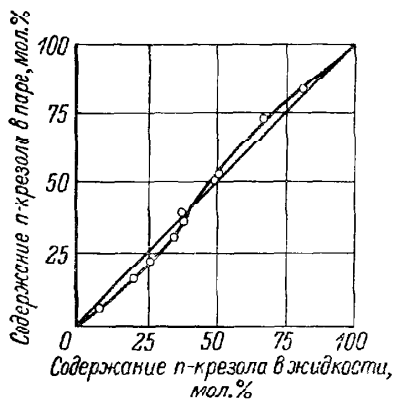
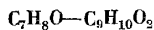
№ 1629

БУТИЛОВЫЙ ЭФИР—АНИЗОЛ

[840]

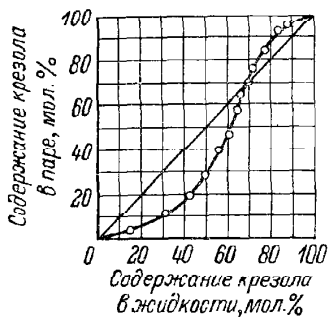
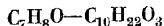
 $C_8H_{18}O-C_7H_8O$

x	y	t	P	x	y	t	P
16.5	23.5	142.0	600	45.2	53.8	130.4	600
25.2	32.4	141.0		47.0	56.3	138.9	
36.8	46.4	140.1		68.6	79.7	136.7	
41.6	51.4	139.8		75.4	78.0	135.7	

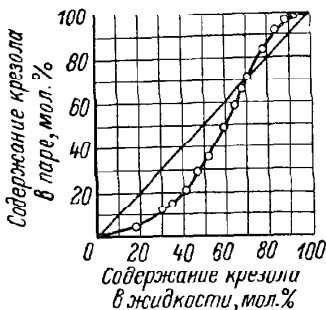
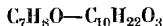
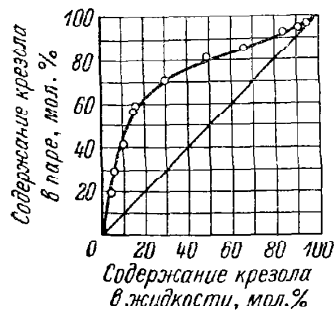
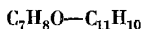
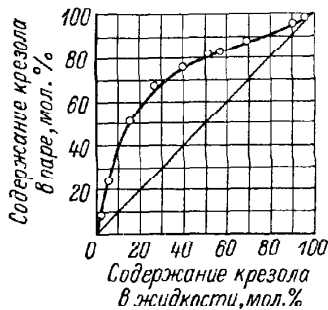
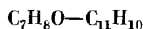

 $P = 760 \text{ мм}$

 $P = 760 \text{ мм}$

m-КРЕЗОЛ—ДИЭТИЛ-2-

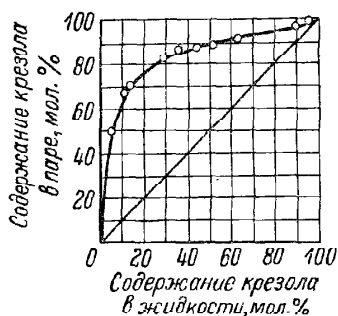
[2-ЭТОКСИЭТОКСИ]-ЭТАНОЛ

 $P = 760$ мм*n*-КРЕЗОЛ—[ДИЭТИЛ-2-

[2-ЭТОКСИЭТОКСИ]-ЭТАНОЛ

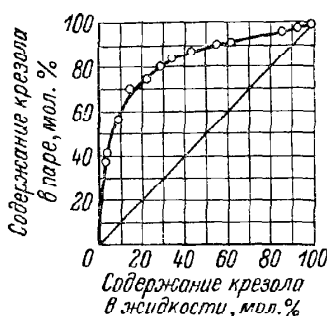
 $P = 760$ мм*m*-КРЕЗОЛ— β -МЕТИЛНАФТАЛИН $P = 760$ мм*n*-КРЕЗОЛ— β -МЕТИЛНАФТАЛИН $P = 760$ мм

m-КРЕЗОЛ—
α-ЭТИЛНАФТАЛИН
 $C_7H_8O-C_{12}H_{12}$

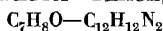


P = 760 мм

n-КРЕЗОЛ—
α-ЭТИЛНАФТАЛИН
 $C_7H_8O-C_{12}H_{12}$

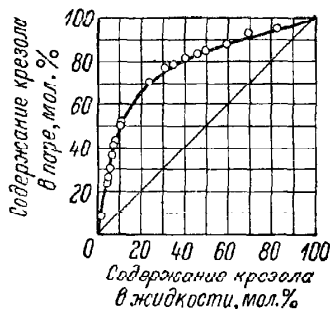


P = 760 мм



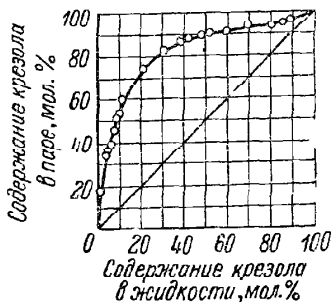
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	333.5	100	55.0	97.5	167.4	100
2.0	52.5	303.1		65.0	98.5	154.8	
5.5	69.0	284.0		76.5	99.0	147.2	
13.0	85.7	246.9		87.5	99.5	141.5	
21.3	92.5	221.7		94.0	99.8	139.1	
31.0	94.5	198.2		100.0	100.0	138.5	
42.3	96.0	180.3					

m-КРЕЗОЛ—
β-ИЗОПРОПИЛНАФТАЛИН
 $C_7H_8O-C_{13}H_{14}$



P = 760 мм

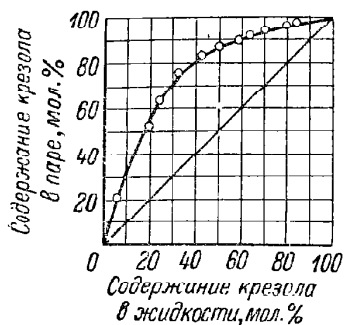
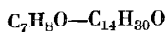
n-КРЕЗОЛ—
β-ИЗОПРОПИЛНАФТАЛИН
 $C_7H_8O-C_{13}H_{14}$



P = 760 мм

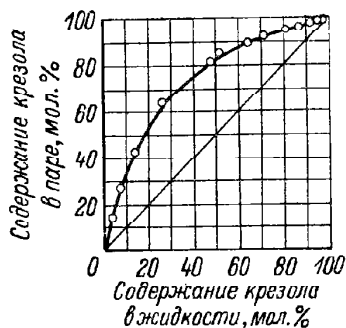
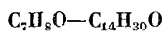
№ 1641

[830]

m-КРЕЗОЛ—ТЕТРАДЕКАНОЛ $P = 760 \text{ мм}$

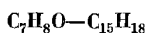
№ 1642

[830]

n-КРЕЗОЛ—ТЕТРАДЕКАНОЛ $P = 760 \text{ мм}$

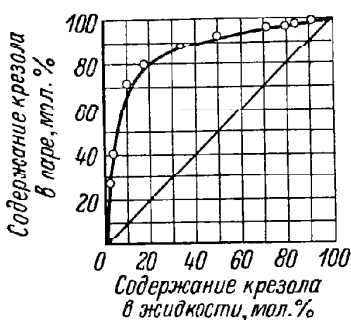
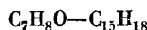
№ 1643

[830]

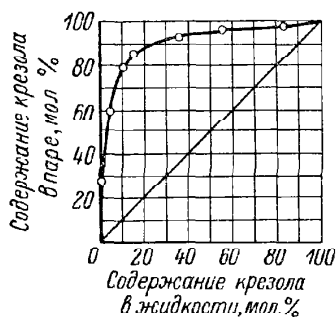
m-КРЕЗОЛ—
β-АМИЛНАФТАЛИН $P = 760 \text{ мм}$

№ 1644

[830]

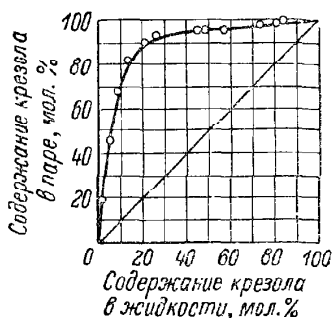
n-КРЕЗОЛ—β-АМИЛНАФТАЛИН $P = 760 \text{ мм}$

m-КРЕЗОЛ—
ДИИЗОПРОПИЛНАФТАЛИН
 $C_7H_8O—C_{16}H_{20}$



P = 760 мм

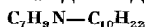
n-КРЕЗОЛ—
ДИИЗОПРОПИЛНАФТАЛИН
 $C_7H_8O—C_{16}H_{20}$



P = 760 мм

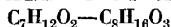
ДИМЕТИЛАНИЛИН—МЕТИЛАНИЛИН
 $C_8H_{11}N—C_7H_9N$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.00	95.0	24.1	61.19	63.75	120.0	77.6
8.81	11.44		24.8	71.81	73.60		78.3
19.64	23.98		25.6	80.11	81.30		78.9
31.99	36.40		26.3	89.61	90.20		79.5
39.79	44.99		26.8	100.0	100.00		80.1
49.23	53.82		27.3	0.00	0.00	145.0	173.8
62.01	65.74		27.9	10.39	12.06		177.1
74.99	77.30		28.3	20.03	22.56		180.0
80.03	81.80		28.5	30.61	33.58		182.7
90.60	91.55		28.8	40.06	43.10		184.8
100.00	100.00		29.0	51.21	53.87		187.1
0.00	0.00	120.0	70.1	60.82	62.84		188.9
9.97	12.07		71.8	70.13	71.60		190.
20.13	23.34		73.3	84.02	84.70		191.9
30.88	34.62		74.6	92.41	92.97		192.7
40.06	43.68		75.7	100.00	100.00		193.3
50.41	53.76		76.7				



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	174.00	760	60.9	78.8	149.48	760
17.8	39.2	162.43		70.6	83.1	147.85	
23.2	48.7	159.80		70.9	83.5	147.82	
32.2	57.2	157.25		88.6	94.0	145.23	
50.2	72.3	151.82		100.0	100.0	143.41	

**м-АКРИЛОВОБУТИЛОВЫЙ ЭФИР—
α-ОКСИЗОМАСЛЯНОБУТИЛОВЫЙ ЭФИР**



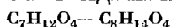
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	103.5	50	60.9	79.4	89.0	50
5.0	13.2	101.7		79.9	89.1	86.2	
10.5	25.3	100.3		89.9	93.5	84.9	
20.3	42.4	97.4		95.9	97.1	84.1	
40.1	64.8	92.6		100.0	100.0	83.8	

БУТИЛОВЫЙ ЭФИР—м-АКРИЛОВОБУТИЛОВЫЙ ЭФИР

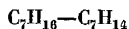


<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	65.0	20.3	61.7	79.6	65.0	41.9
7.6	22.8		23.8	80.7	89.7		47.5
12.4	32.0		25.3	90.0	95.1		50.2
18.9	43.0		27.8	96.4	97.9		52.0
41.9	67.1		35.6	100.0	100.0		52.9

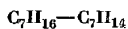
**ДИМЕТИЛОВЫЙ ЭФИР ГЛУТАРОВОЙ КИСЛОТЫ—
ДИМЕТИЛОВЫЙ ЭФИР АДИПИНОВОЙ КИСЛОТЫ**



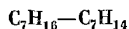
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
14.7	23.2	150	74	42.4	58.4	148	79
20.7	32.3	151.5	76	44.2	57.3	153	78
25.9	37.8	150	74	49.4	64.0	147.5	77
34.8	52.0	149.5	77	69.6	80.3	143	75
39.5	53.7	152	74	71.3	82.2	141.5	73



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0	0	Нет данных	750	60.0	60.3	Нет данных	750
10.0	10.1			70.0	70.2		
20.0	20.2			80.0	80.2		
30.0	30.2			90.0	90.1		
40.0	40.3			100.0	100.0		
50.0	50.4						



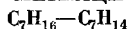
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
3.10	3.50	100.7	760	55.90	57.80	—	760
5.80	6.20	100.6		59.90	61.80	99.0	
9.50	10.30	100.5		64.70	66.60	98.9	
13.30	14.30	100.4		70.90	72.80	98.8	
18.00	19.20	100.3		75.60	77.10	—	
21.60	22.90	100.2		79.60	81.00	98.6	
27.15	28.90	100.0		84.30	85.35	98.55	
31.70	33.30	100.0		87.90	89.00	—	
36.30	38.10	99.9		90.60	91.30	—	
40.10	42.00	99.8		93.10	94.00	98.5	
45.60	47.50	99.6		95.40	96.25	—	
50.10	52.10	99.3		98.00	98.60	98.42	



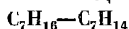
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i> , атм
45.6	47.7	150	3.40
45.4	47.7	190	7.28
45.4	47.0	240	17.2
45.6	47.1	260	22.1



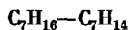
x	y	t	P	x	y	t	P
0.00	0.00	100.79	760	55.20	57.00	99.45	760
8.20	8.70	100.63		63.20	64.70	99.23	
16.05	17.20	100.35		71.35	72.75	99.06	
23.95	25.30	100.26		79.50	80.75	98.79	
32.05	33.55	99.99		88.95	89.70	98.62	
38.80	40.60	99.85		100.00	100.00	98.41	
47.50	49.40	99.60					



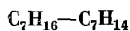
x	y	t	P	x	y	t	P
0	0	101.0	760	57.7	59.8	99.5	760
6.6	7.8	100.7		70.0	71.9	99.1	
23.0	23.9	99.8		80.0	81.0	98.9	
40.7	42.7	99.5		100.0	100.0	98.4	



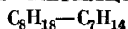
x	y	t	P	γ_1	γ_2
5.15	5.55	100.7	760	1.012	1.003
11.80	12.55	100.5		1.004	1.004
21.50	22.65	100.2		1.004	1.005
30.70	32.20	99.9		1.007	1.007
39.25	40.85	99.6		1.007	1.009
40.20	41.95	99.6		1.010	1.006
49.05	50.75	99.35		1.008	1.009
55.65	57.30	99.15		1.009	1.011
67.50	68.90	98.85		1.008	1.013
78.05	79.10	98.65		1.007	1.013
84.80	85.65	98.6		1.005	1.006
93.25	93.65	98.5		1.001	1.006



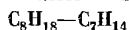
x	y	t	P	x	y	t	P
1.00	1.07	Нет данных	760	60.00	61.61	Нет данных	760
2.00	2.14			70.00	71.39		
5.00	5.35			80.00	81.04		
10.00	10.65			85.00	85.82		
15.00	15.92			90.00	90.57		
20.00	21.15			93.00	93.41		
30.00	31.48			96.00	96.24		
40.00	41.66			98.00	98.12		
50.00	51.70			99.00	99.06		



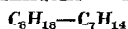
x	y	t	P	$\lg \frac{\gamma_1}{\gamma_2}$
3.15	3.45	Нет данных	760	0.012
6.65	7.15			0.005
10.70	11.50			0.006
16.05	16.95			0.000
21.90	23.15			0.002
27.20	28.45			-0.002
30.70	32.20			0.001
35.00	36.55			0.000
38.85	40.40			-0.001
43.25	44.75			-0.002
47.85	49.60			0.002
54.00	55.65			0.000
59.40	61.25			0.005
65.70	67.30			0.002
69.45	71.00			0.003
74.80	76.25			0.005
79.70	80.80			0.004
85.35	86.10			-0.002
89.05	89.65			-0.002
92.85	92.25			0.005
94.80	95.05			-0.007
96.75	96.95			-0.002
98.15	98.25			-0.006
98.90	99.00			0.012



<i>x</i>	<i>y</i>	<i>z</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>z</i>	<i>P</i>
0.0	0.0	100.79	760	56.9	58.0	99.82	760
9.6	10.0	100.60		66.6	67.5	99.63	
18.7	19.5	100.42		78.6	77.8	99.47	
27.4	28.3	100.31		87.3	87.8	99.32	
37.3	38.5	100.13		100.0	100.0	99.10	
46.5	47.7	99.94					



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	99.9	741	40.7	41.6	98.95	741
4.0	4.8	99.8		47.6	49.0	98.85	
8.8	10.7	99.65		69.5	70.7	98.55	
14.0	16.3	99.5		79.4	80.9	98.4	
19.0	20.4	99.4		87.9	88.8	98.3	
24.5	25.7	99.3		100.0	100.0	98.2	
34.0	35.0	99.1					



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
2.81	2.97	Нет данных	760	36.57	37.89	Нет данных	760
4.18	4.55			36.75	37.89		
4.48	5.08			47.52	48.65		
4.62	4.79			47.57	48.85		
6.36	7.13			49.79	51.12		
7.37	7.92			50.00	51.12		
7.47	7.92			52.72	54.91		
18.38	19.20			53.72	55.00		
18.30	19.42			58.65	59.74		
18.69	19.67			62.13	63.38		
25.40	26.56			67.34	68.18		
26.31	27.42			68.90	70.00		
26.49	27.66			69.00	69.90		
34.05	35.48			74.84	75.60		
36.31	37.29			79.67	80.56		

Таблица № 1662 (продолжение)

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
84.14	84.81	Нет данных	760	89.27	89.92	Нет данных	760
86.80	87.23			90.61	91.29		
87.02	87.47			90.95	91.41		
87.68	88.23			91.29	91.97		
87.92	88.38			91.72	91.97		
87.92	88.60			92.08	92.64		
89.03	89.92			92.20	92.64		

№ 1663 2,2,4-ТРИМЕТИЛПЕНТАН—МЕТИЛЦИКЛОГЕКСАН [17]
 $C_8H_{18}-C_7H_{14}$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
3.00	3.24	Нет данных	760	60.00	61.03	Нет данных	760
5.00	5.34			70.00	70.80		
10.00	10.62			80.00	80.53		
15.00	15.84			85.00	85.39		
20.00	21.01			90.00	90.25		
30.00	31.22			92.00	92.20		
40.00	41.27			94.00	94.15		
50.00	51.20			98.00	98.05		

№ 1664 [1930]
КАПРОНОВОМЕТИЛОВЫЙ ЭФИР—КАПРИЛОВОМЕТИЛОВЫЙ ЭФИР
 $C_7H_{14}O_2-C_8H_{18}O_2$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
56.8	88.0	63.1	20	36.4	73.5	90.4	50
61.5	90.0	62.5		36.5	72.7	90.7	
73.0	93.3	59.8		36.7	71.1	90.5	
57.4	87.3	72.1	30	37.6	74.0	90.1	
62.3	90.0	70.9		37.9	75.6	90.0	
73.1	93.5	68.1		45.7	79.6	87.2	
47.1	81.9	81.4	40	45.9	79.5	87.1	
58.1	87.0	78.6		46.1	79.4	87.1	
61.5	89.1	77.0		46.3	80.0	87.6	
62.2	89.3	77.0	50	47.3	81.4	86.5	
10.5	35.2	102.9		47.4	82.0	86.8	
11.3	30.9	102.7		47.5	80.8	86.7	
17.7	48.7	99.3		47.9	82.3	86.7	
18.6	48.5	99.4		48.9	82.2	86.1	
21.7	54.9	97.5		49.1	80.6	85.8	
22.2	54.4	99.3		49.8	81.9	85.6	
25.5	58.6	95.4		50.2	82.3	85.5	
34.4	71.0	91.6		53.1	84.3	84.6	

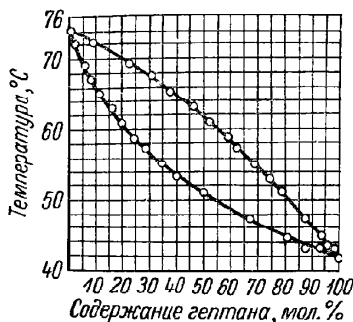
Таблица № 1664 (продолжение)

x	y	t	P	x	y	t	P
54.3	86.3	84.5	50	66.2	90.6	81.1	50
54.7	85.2	84.2		73.0	92.8	79.4	
54.8	87.0	84.1		73.6	93.0	79.2	
59.5	88.2	82.6		78.2	94.2	78.3	
61.9	88.9	82.4					

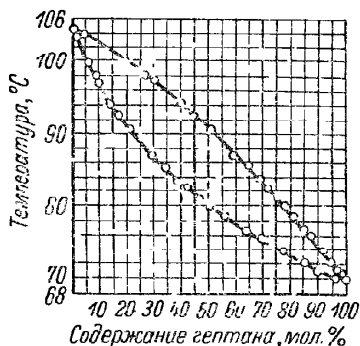
№ 1665 2,2,3-ТРИМЕТИЛБУТАН—2,4-ДИМЕТИЛПЕНТАН [448]
 C_7H_{16} — C_7H_{16}

На основании измерений общего давления паров смесей найдено, что система практически подчиняется закону Рауля.

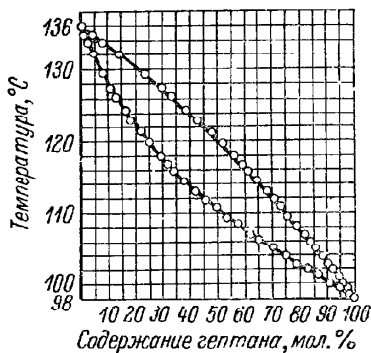
№ 1666 ГЕПТАН—ЭТИЛБЕНЗОЛ [785]
 C_7H_{16} — $C_{10}H_{12}$



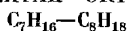
$P = 100$ mm



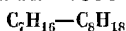
$P = 300$ mm



$P = 760$ mm

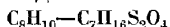


x	y	t	P	x	y	t	P
0.0	0.0	124.3	760	0.0	0.0	61.8	92.3
10.0	—	120.8		10.0	—	58.7	
10.95	19.4	—		10.95	22.0	—	
20.0	—	117.5		20.0	—	55.8	
27.5	43.9	—		27.5	48.0	—	
30.0	—	114.3		30.0	—	53.0	
40.0	—	111.2		40.0	—	50.4	
50.0	—	108.3		50.0	—	48.0	
53.9	71.7	—		53.9	75.2	—	
60.0	—	106.0		60.0	—	45.8	
70.0	—	104.0	760	70.0	—	43.9	92.3
74.6	87.3	—		74.6	88.3	—	
80.0	—	102.2		80.0	—	42.2	
88.0	95.1	—		88.0	94.8	—	
90.0	—	100.4		90.0	—	40.7	
100.0	100.0	98.7		100.0	100.0	39.5	

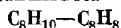


x	y	t	P	x	y	t	P
0.0	0.0	99.20	760	66.0	66.7	98.60	760
20.0	20.6	99.01		81.0	81.6	98.50	
35.0	52.5	98.73		100.0	100.0	98.40	
51.7	55.7	98.87					

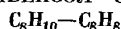
n-КЕПТОЛ—ДИМЕТИЛСУЛЬФОЛАН



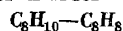
x	y	t	P
7.5	54.5	244	746
17.5	89.0	196	
28.5	94.0	177	
44.0	97.0	159	
62.0	98.0	149	
84.0	99.0	142	



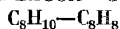
x	y	t	P	x	y	t	P
1.86	2.70	66.0	50	88.95	92.93	—	50
3.73	4.72	—		93.28	94.92	56.3	
8.34	11.20	—		96.88	97.28	—	
17.63	24.60	—		7.17	15.16	Нет	90
24.40	33.35	—		17.02	30.09	данных	
25.64	36.00	61.5		23.51	38.50		
35.96	46.53	—		34.18	46.82		
43.53	54.14	—		45.50	59.88		
44.34	55.23	—		59.70	72.14		
53.18	62.70	60.1		66.10	77.47		
66.93	77.42	—		71.02	80.03		
68.40	76.70	—		78.40	86.38		
71.92	78.43	—		89.46	91.85		
76.03	82.76	—		94.30	97.86		
83.12	88.41	57.7		96.60	98.17		



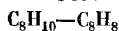
x	y	t	P	x	y	t	P
0.0	0.0	82.10	100	52.2	61.1	76.98	100
9.1	14.4	80.72		61.9	69.9	76.19	
14.1	21.1	80.15		76.4	81.4	75.03	
23.5	32.4	79.33		88.7	91.4	74.25	
31.9	41.5	78.64		100.0	100.0	74.05	
41.2	51.1	77.86					



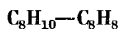
x	y	t	P	x	y	t	P
25.6	35.2	30	760	24.8	31.8	90	760
46.3	56.9			26.6	32.4		
78.1	84.7			48.2	55.8		
24.2	31.9	60		74.9	80.4		
45.4	54.7			52.1	58.9	120	
50.4	60.0			75.9	80.1		
75.4	81.8						



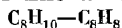
x	y	t	P	x	y	t	P
0.0	0.0	65.6	50	61.0	68.0	60.4	50
10.5	14.5	64.6		83.5	88.0	59.0	
31.3	40.5	62.7		91.2	93.2	58.5	
45.0	53.8	61.6		96.5	97.0	58.2	
50.5	60.0	61.2		100.0	100.0	57.8	



x	y	t	P	x	y	t	P
2.4	3.6	66.0	50	53.9	61.0	61.2	50
5.4	8.4	65.0		61.1	67.4	61.0	
14.1	19.8	64.0		69.3	76.5	60.6	
21.9	28.4	62.8		82.0	86.4	59.4	
30.8	36.6	62.2		83.3	87.2	59.2	
37.4	52.4	61.8		89.3	92.4	58.8	
46.9	55.0	61.6					



x	y	t	P	γ_1	γ_2
0.0	0.0	70.4	62	—	1.000
6.3	10.1	69.6		1.191	1.001
12.5	18.2	67.6		1.147	1.006
21.7	28.7	66.9		1.099	1.014
25.0	33.4	66.8		1.086	1.018
38.1	47.2	66.5		1.048	1.034
53.6	62.7	65.8		1.022	1.056
63.8	71.8	65.0		1.011	1.071
71.7	77.7	64.3		1.006	1.083
77.2	83.2	64.2		1.004	1.091
83.6	87.7	63.7		1.002	1.100
85.6	88.6	63.4		1.001	1.103
100.0	100.0	62.0		1.000	—



x	y	t	P	x	y	t	P
0.0	0.0	32.40	10	20.5	36.5	63.00	50
8.25	12.8	31.68		36.0	43.8	62.45	
15.0	22.0	31.13		39.0	47.8	62.20	
22.2	31.0	30.60		50.0	58.5	61.30	
39.6	50.75	29.40		57.1	64.4	60.80	
43.3	53.5	29.15		68.5	74.6	59.90	
57.5	66.25	28.27		72.6	77.4	59.60	
60.5	69.5	28.04		87.4	90.4	58.40	
65.05	73.2	27.73		92.8	94.5	58.03	
71.5	78.5	27.30		100.0	100.0	57.67	
73.05	79.7	27.21		0.0	0.0	82.19	100
77.7	83.5	26.92		4.2	5.88	81.75	
89.35	92.5	26.24		13.3	17.4	80.85	
100.0	100.0	25.88		18.5	23.75	80.35	
0.0	0.0	45.60	20	27.03	33.75	79.62	
5.55	9.0	45.10		31.5	38.0	79.30	
7.82	12.0	44.90		33.3	40.0	79.12	
11.5	16.2	44.60		41.8	48.75	78.35	
13.9	20.1	44.40		50.6	58.5	77.55	
24.05	31.8	43.62		61.0	68.15	76.63	
27.15	35.5	43.37		74.05	79.5	75.63	
33.5	40.55	42.95		84.98	88.2	74.90	
46.0	53.5	41.98		93.57	95.05	74.37	
54.5	63.0	41.30		100.0	100.0	74.10	
75.5	82.5	39.75		43.3	50.1	97.00	200
87.4	91.0	39.10		48.9	55.85	96.42	
96.5	97.5	38.70		58.8	65.0	95.65	
100.0	100.0	38.58		69.3	75.1	94.85	
0.0	0.0	65.60	50	79.53	91.1	94.20	
5.5	7.5	65.10		89.2	92.0	93.40	
8.85	12.22	64.76		100.0	100.0	92.70	
17.5	24.1	63.95					

КАПРИЛОВОМЕТИЛОВЫЙ ЭФИР—БЕНЗОЙНОМЕТИЛОВЫЙ ЭФИР



x	y	t	P	x	y	t	P
0.0	0.0	Нет данных	50	46.5	49.5	Нет данных	50
2.0	2.6			52.5	54.8		
9.2	11.2			56.0	58.1		
10.0	12.2			65.6	67.0		
15.5	18.5			79.2	80.0		
21.5	25.0			80.2	80.8		
27.5	31.3			87.2	87.5		
32.5	35.7			96.6	96.6		
37.3	40.4			100.0	100.0		
41.5	44.5						

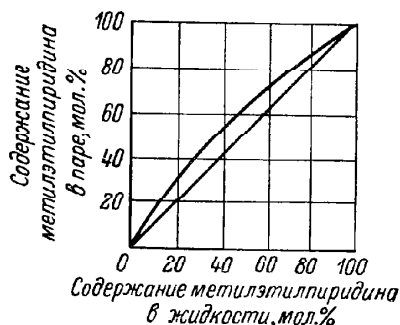
m-КСИЛОЛ—
МЕТИЛСАЛИЦИЛАТ
 $C_8H_{10}-C_8H_8O_3$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
11.0	52.0	197	755
21.5	71.0	182	
34.0	84.0	171	
52.0	92.5	158	
68.5	95.0	150	
85.5	98.0	143	

n-КСИЛОЛ—
МЕТИЛСАЛИЦИЛАТ
 $C_8H_{10}-C_8H_8O_3$

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
6.0	42.5	204	755
19.5	72.0	185	
35.0	85.0	169	
52.5	93.0	157	
71.5	96.5	148	
85.0	98.5	143	

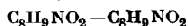
2-МЕТИЛ-5-ЭТИЛПИРИДИН—2-МЕТИЛ-5-ВИНИЛПИРИДИН
 $C_8H_{11}N-C_8H_9N$



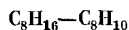
$P=20$ мм

2-МЕТИЛ-5-ЭТИЛПИРИДИН—2-МЕТИЛ-5-ВИНИЛПИРИДИН
 $C_8H_{11}N-C_8H_9N$

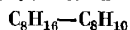
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
2.17	3.74	79.9	20	58.60	70.88	75.1	20
5.31	8.32	78.85		69.05	78.73	74.6	
12.08	19.14	78.10		76.70	85.30	74.2	
20.53	31.49	77.30		83.37	89.44	73.8	
28.85	40.00	76.76		86.40	91.37	73.6	
37.41	49.98	76.4		92.59	95.43	73.0	
49.98	62.61	75.64		97.97	98.79	72.2	



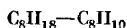
На основании данных по равновесию жидкость—пар при давлениях 100 и 760 мм установлено, что система подчиняется закону Рауля.



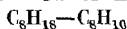
x	y	t	P	γ_1	γ_2
4.1	7.2	135.3	760	1.22	0.99
8.2	14.9	134.2		1.28	0.98
13.6	20.5	133.1		1.16	1.00
16.3	24.6	132.5		1.11	1.00
23.8	33.5	131.2		1.08	1.00
31.6	42.0	129.7		1.06	1.01
32.5	43.6	129.5		1.07	1.00
40.7	57.0	127.4		1.03	1.03
55.6	65.2	126.1		1.03	1.04
63.8	71.7	125.2		1.01	1.06
65.8	73.3	124.8		1.02	1.07
76.3	82.3	123.8		1.01	1.05
83.5	87.6	123.0		1.00	1.09
86.3	90.3	122.7		1.00	1.08
90.9	93.2	122.3		1.00	1.10
94.7	96.1	121.8		1.00	1.10



x	y	t	P	γ_1	γ_2
0.0	0.0	113.9	400	—	1.00
10.0	13.0	113.04		1.12	1.00
20.0	24.0	112.11		1.10	1.00
30.0	35.0	111.26		1.08	1.01
40.0	45.0	110.6		1.06	1.02
50.0	54.0	110.1		1.05	1.03
60.0	63.0	109.7		1.03	1.05
70.0	72.0	109.4		1.02	1.08
80.0	81.0	109.22		1.01	1.11
90.0	90.0	109.14		1.00	1.15
100.0	100.0	109.1		1.00	—



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	138.44	760	50.1	58.6	129.30	760
6.4	10.7	136.59		51.1	60.0	129.22	
7.7	12.5	136.19		58.9	66.6	128.49	
14.0	21.5	134.80		60.5	67.5	128.37	
14.7	22.5	134.62		67.9	73.9	127.76	
21.1	30.3	133.34		70.8	75.9	127.53	
21.3	31.0	133.19		75.4	80.0	127.15	
28.2	38.7	132.16		83.0	86.1	126.62	
29.6	39.4	131.97		83.1	86.0	126.60	
29.9	39.9	131.94		90.5	91.9	126.11	
36.8	47.3	130.87		95.1	95.9	125.84	
38.4	48.1	130.64		100.0	100.0	125.80	
44.2	54.0	129.97					



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	γ_1	γ_2
0.0	0.0	136.2	760	—	1.00
4.9	7.5	135.1		1.19	1.00
9.6	13.8	134.1		1.17	1.01
15.0	21.4	133.2		1.15	1.00
20.1	27.5	132.4		1.13	1.01
25.1	33.2	131.7		1.12	1.01
30.4	38.8	131.0		1.10	1.02
35.9	44.2	130.2		1.09	1.02
41.8	50.1	129.7		1.07	1.03
46.6	54.1	129.1		1.06	1.04
51.6	59.0	128.8		1.05	1.05
57.0	63.6	128.2		1.04	1.06
62.4	68.1	127.8		1.03	1.08
67.1	71.9	127.3		1.02	1.09
72.0	75.8	126.9		1.02	1.11
77.2	80.1	126.6		1.01	1.13
82.2	84.1	126.3		1.01	1.15
86.9	88.1	126.0		1.00	1.17
90.9	91.5	125.9		1.00	1.18
95.7	96.4	125.8		1.00	1.21
100.0	100.0	125.7		1.00	—
0.0	0.0	121.3	500	—	1.00
0.5	15.1	110.0		1.16	1.00
20.6	28.6	117.5		1.13	1.01
31.4	40.3	116.1		1.10	1.02
41.8	50.3	115.0		1.07	1.03
52.0	59.6	114.0		1.05	1.05
62.4	68.2	113.1		1.03	1.07

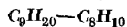
Таблица № 1686 (продолжение)

x	y	t	P	γ_1	γ_2
72.4	76.8	112.5	500	1.02	1.11
82.1	84.6	112.0		1.01	1.15
90.9	91.6	111.5		1.00	1.20
100.0	100.0	111.2		1.00	—
0.0	0.0	92.7	200	—	1.00
9.3	16.3	90.4		1.17	1.00
19.8	29.4	89.0		1.15	1.00
31.8	41.0	87.8		1.13	1.01
41.4	50.9	87.0		1.10	1.02
51.9	60.3	86.1		1.08	1.04
61.7	68.4	85.5		1.06	1.06
71.6	76.2	84.9		1.04	1.11
81.9	84.4	84.3		1.02	1.18
90.9	91.9	84.0		1.00	1.27
100.0	100.0	83.6		1.00	—
0.0	0.0	57.7	50	—	1.00
8.8	16.0	55.8		1.17	1.00
19.0	29.6	54.5		1.15	1.00
30.3	41.4	53.6		1.13	1.01
41.2	51.9	52.8		1.10	1.02
51.6	61.3	51.9		1.08	1.04
59.9	68.1	51.4		1.06	1.06
72.0	77.5	50.6		1.04	1.11
81.9	84.8	50.2		1.02	1.18
91.0	92.0	50.0		1.00	1.27
100.0	100.0	49.9		1.00	—

№ 1687

2,2,5-ТРИМЕТИЛГЕКСАН—ЭТИЛБЕНЗОЛ

[1068]



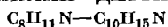
x	y	t	P	γ_1	γ_2
4.5	9.0	134.7	760	1.51	0.99
5.8	10.4	134.4		1.36	1.00
11.1	18.8	133.3		1.33	0.99
16.1	24.8	132.0		1.25	1.00
24.8	35.3	130.5		1.20	1.01
29.5	39.7	129.8		1.16	1.02
37.4	47.6	128.6		1.13	1.03
40.2	49.3	128.5		1.09	1.05
48.4	57.9	127.2		1.10	1.05
54.2	62.2	126.9		1.06	1.07
68.1	73.0	125.8		1.02	1.13
69.2	74.2	125.7		1.03	1.12
73.4	77.7	125.3		1.02	1.13
76.5	79.7	125.2		1.01	1.17
82.2	84.7	124.7		1.01	1.18
89.9	90.8	124.4		1.00	1.26
96.0	97.0	124.3		1.00	1.22

m-КСИЛОЛ—
НОНИЛОВЫЙ СПИРТ
 $C_8H_{10}-C_9H_{20}O$

x	y	t	P
13.5	37.0	179	753
24.5	60.0	168	
41.0	75.0	159	
57.0	85.5	151.5	
71.0	91.5	146	
87.0	96.0	142	

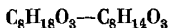
n-КСИЛОЛ—
НОНИЛОВЫЙ СПИРТ
 $C_8H_{10}-C_9H_{20}O$

x	y	t	P
16.0	42.0	178	753
28.0	65.5	168	
42.0	77.0	160	
59.0	86.5	151	
72.5	92.0	146	
88.0	97.0	141	

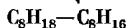


x	y	t	P	x	y	t	P
0.0	0.0	217.0	760	63.0	74.2	—	760
16.0	—	214.6		63.4	—	208.0	
24.1	34.0	—		64.3	—	207.6	
25.0	—	213.5		71.4	—	206.5	
31.9	—	212.0		84.4	88.3	—	
37.2	—	211.5		85.3	—	206.0	
43.3	55.3	—		93.4	95.5	—	
54.8	65.7	—		100.0	100.0	204.7	

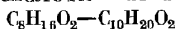
ДИЭТИЛДИЭТИЛЕНГЛИКОЛЕВЫЙ ЭФИР—
ДИВИНИЛДИЭТИЛЕНГЛИКОЛЕВЫЙ ЭФИР



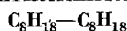
x	y	t	P	γ_1	γ_2
0.0	0.0	77.7	10	—	1.000
8.5	12.0	77.0		1.023	1.001
16.3	21.0	76.4		1.000	0.996
26.5	33.5	75.6		1.010	0.998
35.0	42.5	75.0		1.010	1.010
48.2	56.2	74.1		1.007	1.008
58.0	65.0	73.4		1.003	1.010
65.5	72.5	72.9		1.009	1.008
82.8	87.0	71.8		1.002	1.012
92.0	94.1	71.2		1.000	1.015
100.0	100.0	70.7		1.000	—



x	y	t	P	γ_1	γ_2
11.9	14.3	131.2	760	1.03	0.98
19.2	22.0	130.9		1.00	0.98
28.6	31.5	130.05		0.98	0.98
38.8	42.4	129.35		0.99	0.98
48.9	52.5	128.75		0.99	0.99
58.9	62.3	128.0		0.99	0.99
68.9	71.5	127.4		0.99	0.99
78.5	80.6	126.9		0.99	0.99
89.4	90.2	126.3		0.99	1.00
11.2	13.2	116.1	500	1.02	0.99
19.0	21.5	115.55		1.00	1.00
29.0	31.8	115.0		0.98	1.00
38.3	41.6	114.5		0.98	1.01
48.0	51.2	114.0		0.98	1.01
59.1	62.1	113.5		0.98	1.01
69.2	71.6	112.9		0.99	1.02
79.1	81.5	112.3		0.99	1.03
90.0	91.0	111.8		0.99	1.05
9.5	11.3	108.7	400	1.03	0.99
19.1	21.5	108.2		0.99	1.00
28.9	31.7	107.7		0.99	1.00
39.4	42.4	107.1		0.98	1.01
48.1	51.3	106.6		0.89	1.01
59.3	62.3	106.1		0.99	1.02
68.8	71.0	105.3		0.99	1.04
79.5	81.1	105.0		0.99	1.04
89.8	90.8	104.6		0.99	1.04
9.9	11.7	68.7	100	1.04	1.00
19.3	21.7	68.3		1.01	1.00
29.6	32.3	68.05		0.99	1.00
38.5	41.3	67.65		0.99	1.00
49.2	52.2	67.3		0.99	1.00
59.9	62.7	67.0		0.99	1.01
68.9	71.2	66.6		0.99	1.02
78.3	79.7	66.3		0.99	1.04
88.9	89.7	65.95		1.00	1.05
11.0	12.7	52.2	50	1.03	0.99
19.4	21.5	52.0		1.00	1.00
28.9	31.4	51.7		1.00	1.00
38.4	41.4	51.45		1.00	1.00
48.1	50.8	51.2		0.99	1.01
59.3	61.6	50.9		0.99	1.01
68.9	70.8	50.65		0.99	1.02
79.1	80.4	50.4		0.99	1.03
89.8	90.5	50.1		1.00	1.04



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
7.3	18.6	128.7	3.6	55.5	79.0	147.7	20
14.5	36.1	128.6		62.0	84.4	146.1	
28.3	55.5	122.3		74.5	89.8	144.4	
35.5	65.6	121.3		85.0	94.6	141.6	
46.5	73.9	117.2		7.7	17.1	200.1	
52.0	78.6	118.4	20	17.2	34.0	197.0	100
61.1	85.3	115.1		29.5	51.0	193.0	
74.0	90.8	111.7		36.7	60.3	190.6	
85.5	95.0	112.2		47.7	70.7	188.0	
8.0	19.5	101.2		54.5	76.5	186.9	
17.2	38.5	158.6		61.8	82.4	184.1	
29.2	56.0	154.3		74.0	88.2	181.5	
37.5	64.4	151.0		85.1	93.6	178.8	
48.0	75.1	150.0					



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
5.1	10.5	124.0	760	48.8	67.5	—	760
10.7	19.7	123.0		56.0	73.5	110.7	
16.0	29.0	121.0		58.8	75.5	—	
20.8	35.6	119.8		65.8	81.0	108.2	
24.8	40.9	118.9		69.8	83.5	—	
28.1	45.0	118.3		73.9	85.4	106.0	
32.1	50.0	117.0		78.8	89.0	105.0	
36.0	53.5	116.0		83.5	91.5	103.5	
39.2	57.5	—		89.2	94.5	101.9	
42.4	61.0	—		93.3	96.9	100.0	
46.4	65.0	113.4					



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	172.3	760	60.0	74.0	160.3	760
10.0	17.7	170.7		70.0	82.0	158.3	
20.6	32.0	168.8		85.0	91.3	155.3	
30.0	47.0	166.4		90.0	94.0	154.0	
40.0	56.0	164.4		100.0	100.0	152.0	
50.0	66.0	162.5					

№ 1696

[741]

ХИНОЛИН—ИЗОХИНОЛИН

 $C_9H_7N-C_9H_7N$

x	y	t	P
0.0	0.0	243.24	760
14.4	16.9	242.30	
24.0	26.9	241.70	
34.8	37.2	241.14	
36.4	38.3	241.09	
50.4	52.2	240.28	
58.4	60.1	239.85	
62.8	64.2	239.64	
68.7	70.1	239.30	
70.2	71.5	239.22	
80.0	81.0	238.70	
87.9	88.6	238.29	
91.2	91.7	238.08	
100.0	100.0	237.63	

№ 1697

[741]

ИЗОХИНОЛИН—ХИНАЛЬДИН

 $C_9H_7N-C_{10}H_9N$

x	y	t	P
0.0	0.0	247.75	760
11.3	11.8	247.46	
29.0	29.5	246.30	
32.6	33.2	246.15	
42.0	42.5	245.68	
43.2	43.9	245.65	
49.8	50.4	245.36	
56.2	56.8	245.08	
60.4	61.1	244.87	
65.6	66.2	244.63	
79.6	80.0	244.02	
81.5	81.9	243.91	
91.7	91.9	243.48	
100.0	100.0	243.24	

№ 1698

ЭТИЛТОЛУОЛ—ВИНИЛТОЛУОЛ

[270]

 $C_9H_{12}-C_9H_{10}$

x	y	t	P	x	y	t	P
1.97	3.84	58.22	15	26.97	38.55	72.2	30
6.65	13.01	57.49		46.38	59.79	70.36	
15.08	24.73	57.27		71.75	81.24	68.43	
29.74	43.28	56.54		86.37	90.65	67.83	
48.18	62.85	55.32		18.64	27.95	89.32	60
57.49	67.63	54.91	30	40.09	52.08	86.8	
74.28	82.46	52.09		45.38	57.39	80.13	
93.5	95.32	52.61		52.98	65.11	85.26	
98.88	99.27	50.45		69.45	77.4	84.28	
1.97	3.54	73.6		77.61	82.06	83.74	
13.8	21.61	73.8		91.06	92.38	83.79	

№ 1699

ЭТИЛСАЛИЦИЛАТ—ДИФЕНИЛОКСИД

[48]

 $C_9H_{10}O_3-C_{12}H_{10}O$

x	y	t	P	x	y	t	P
9.4	23.1	105.2	5	42.5	63.4	99.5	5
13.5	29.4	104.0		53.3	72.2	96.9	
20.5	39.9	102.5		64.4	80.7	96.0	
29.9	52.6	101.0		71.7	84.3	95.2	

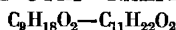
Таблица № 1699 (продолжение)

x	y	t	P	x	y	t	P
80.1	88.5	94.8	5	9.4	20.7	195.5	180
90.4	96.3	93.1	50	13.5	28.2	194.5	
9.4	21.5	158.5		20.5	38.6	192.1	
13.5	28.6	157.1		29.9	49.9	189.5	
20.5	40.3	155.0		42.5	62.0	187.0	
29.9	51.4	153.0		53.3	72.0	184.7	
53.3	72.4	148.5		64.4	80.0	183.7	
64.4	81.0	147.4		71.7	85.7	181.5	
71.7	84.8	145.9		80.1	89.5	180.0	
80.1	89.7	145.1		90.4	95.8	179.3	
90.4	95.0	144.0					

№ 1700

[93]

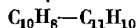
КАПРИЛОВОМЕТИЛЛОВЫЙ ЭФИР—КАПРИНОВОМЕТИЛЛОВЫЙ ЭФИР



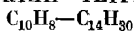
x	y	t	P	x	y	t	P
26.3	58.4	117.2	30	26.9	52.8	130.1	50
43.0	74.3	111.7	40	42.4	72.6	124.5	
51.2	81.3	109.8		49.1	78.8	122.3	
59.0	85.7	107.2		58.2	84.3	119.4	
70.6	90.8	104.5		70.5	91.3	116.6	
91.3	97.5	99.9		91.3	96.6	111.9	
26.5	57.0	124.7		27.6	52.8	148.8	100
43.2	75.0	118.8		49.1	76.7	140.9	
50.1	79.2	116.9		60.0	80.8	137.7	
59.0	84.7	113.9		60.5	84.5	137.7	
70.0	90.3	111.1		71.3	89.9	134.6	
90.6	98.4	106.5		91.5	96.8	129.5	
26.1	52.3	130.2	50				

№ 1701

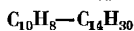
[90]

НАФТАЛИН— β -МЕТИЛНАФТАЛИН

x	y	t	P
14.03	18.55	Нет данных	760
25.45	31.9		
37.85	47.84		
46.0	57.75		
59.9	69.28		
68.5	74.9		
77.3	82.7		
88.1	91.1		



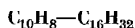
x	y	t	P	γ_1	γ_2
5.6	15.2	199.7	200	1.131	0.998
13.5	32.0	195.1		1.108	1.008
22.6	47.7	190.3		1.114	1.009
36.0	61.6	184.4		1.056	1.091
45.3	69.4	180.7		1.057	1.165
62.2	79.9	174.9		1.044	1.354
73.2	86.0	172.4		1.031	1.451
83.7	91.2	170.3		1.014	1.612
95.5	97.2	168.3		1.002	2.007
96.0	97.4	168.2		1.004	2.097
98.5	99.0	167.9		1.000	2.186



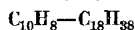
x	y	t	P	γ_1	γ_2
6.0	20.4	117.2	10	0.919	0.996
16.5	45.9	111.4		0.938	0.997
26.7	62.2	106.7		0.943	0.992
37.9	73.8	102.2		0.950	1.005
47.1	80.7	98.9		0.968	0.986
57.2	86.6	95.6		0.990	0.978
67.5	90.9	93.1		0.983	1.000
76.7	94.1	90.8		0.980	0.938
88.1	97.3	88.3		0.986	1.031
100.0	98.9	86.9		0.996	1.019
7.5	22.4	131.1	20	0.965	1.029
12.3	33.4	128.6		0.958	1.040
19.8	47.7	125.3		0.960	1.043
28.2	59.9	121.7		0.970	1.064
37.5	70.1	118.3		0.969	1.060
49.6	79.7	114.2		0.977	1.089
54.7	82.9	112.8		0.968	1.094
67.8	89.7	109.2		0.969	1.003
79.1	94.4	106.7		0.966	1.031
89.4	97.5	104.2		0.978	1.025
95.7	99.1	102.8		0.986	0.951
7.5	21.0	154.7	50	1.037	0.986
13.1	33.1	151.7		1.015	1.000
20.7	46.1	148.6		1.010	0.988
32.1	61.4	144.2		0.998	0.982
42.5	71.3	140.6		0.983	1.006
50.7	77.8	137.8		0.987	1.023
64.4	85.8	133.9		0.978	1.078
74.3	90.6	131.4		0.976	1.089

Таблица № 1703 (продолжение)

x	y	t	P	γ_1	γ_2
85.8	95.5	128.3	50	0.992	1.100
91.5	97.5	126.9		1.000	1.089
95.9	98.8	126.1		0.996	1.134
8.3	21.0	173.9	100	1.059	1.009
14.1	33.1	171.1		1.067	1.009
22.7	47.4	167.3		1.052	1.002
31.0	57.3	164.4		1.034	1.014
42.6	68.9	160.8		1.033	1.024
51.1	75.5	157.8		1.022	1.035
64.3	84.3	154.2		1.019	1.047
73.8	90.1	151.7		1.000	1.081
82.2	93.1	149.7		1.005	1.080
90.6	96.4	147.7		0.998	1.150
94.3	97.8	146.9		0.996	1.195
5.6	14.6	198.6	200	1.146	0.991
11.0	25.4	195.6		1.094	1.001
20.5	41.9	190.8		1.084	1.000
30.5	55.1	186.4		1.069	1.006
41.2	65.8	192.2		1.051	1.033
49.8	73.1	179.4		1.041	1.031
59.4	79.9	176.7		1.035	1.052
69.7	86.0	173.9		1.033	1.082
81.3	91.8	171.4		1.017	1.124
91.0	95.7	169.4		1.002	1.313
96.2	98.0	168.3		0.999	1.506
5.4	13.0	223.3	400	1.120	1.005
10.3	23.1	220.6		1.113	1.009
21.2	41.0	215.6		1.100	1.008
42.2	64.9	208.0		1.070	1.004
52.8	73.7	204.4		1.059	1.022
62.2	80.3	201.7		1.040	1.045
68.2	83.9	200.3		1.032	1.071
72.4	86.3	199.2		1.032	1.071
81.5	91.1	196.9		1.021	1.105
86.5	93.6	195.6		1.026	1.133
91.5	96.0	195.0		1.009	1.142
93.8	97.1	194.4		1.010	1.153
96.4	98.2	193.9		1.006	1.258
5.2	11.6	249.4	760	1.150	1.004
9.5	20.0	247.2		1.135	1.001
20.9	38.9	241.9		1.114	1.004
28.9	49.2	238.6		1.091	1.013
46.4	66.9	231.9		1.063	1.029
54.5	73.3	229.4		1.045	1.040
62.5	79.0	226.9		1.034	1.056
69.7	83.3	224.7		1.031	1.069
82.2	90.5	221.7		1.012	1.156
88.3	93.8	220.3		0.997	1.192
91.9	95.6	219.4		1.005	1.251
95.2	97.3	218.9		1.002	1.324
97.6	98.5	218.3		1.004	1.484



<i>x</i>	<i>y</i>	<i>z</i>	<i>P</i>	γ_1	γ_2
6.3	24.7	223.9	200	0.912	0.974
18.0	53.0	212.8		0.884	0.988
33.5	73.2	198.9		0.928	1.104
50.0	84.4	187.2		0.965	1.300
64.9	90.1	179.4		0.985	1.567
79.2	94.3	174.1		0.992	1.858
88.3	96.7	171.1		0.996	2.153
96.2	99.0	168.8		1.000	2.140



<i>x</i>	<i>y</i>	<i>z</i>	<i>P</i>	γ_1	γ_2
8.7	32.9	299.1	760	0.797	0.996
18.4	55.5	285.6		0.806	1.048
25.0	70.9	274.4		0.916	1.000
41.0	85.9	256.6		0.934	0.986
61.2	93.9	239.0		0.980	1.089
78.9	97.3	228.5		0.984	1.208
89.5	98.7	223.6		0.969	1.349
7.8	33.4	272.0	400	0.750	1.026
11.6	49.1	263.8		0.880	1.036
25.5	75.8	242.0		0.939	1.082
42.0	89.5	224.0		0.986	1.040
60.7	95.3	210.7		0.991	1.078
73.4	97.4	203.2		0.995	1.151
86.9	98.5	197.6		0.971	1.630
92.0	98.7	196.4		0.939	2.388
7.1	39.6	243.6	200	0.893	1.025
9.2	47.5	238.3		0.879	1.073
12.2	54.6	234.0		0.725	1.101
22.4	76.7	216.6		0.937	1.117
33.0	87.8	203.2		0.993	1.064
51.9	94.4	188.9		0.970	1.148
71.1	97.7	176.9		1.018	1.293
86.3	98.9	171.0		0.995	1.607
4.7	30.6	224.7	100	0.747	1.038
5.0	33.4	222.3		0.822	1.075
12.6	65.5	204.8		0.921	1.082
20.5	81.0	192.1		0.964	1.052
35.2	91.9	175.6		1.002	1.120
45.9	95.2	166.7		1.029	1.230
66.8	98.1	155.2		1.011	1.125
74.6	98.7	152.2		1.009	1.170
3.9	35.5	203.9	50	0.835	0.960

Таблица № 1705 (продолжение)

x	y	t	P	γ_1	γ_2
4.6	39.0	201.1	50	0.824	1.010
9.9	63.0	186.8		0.840	1.123
19.4	82.3	172.3		0.895	1.073
27.9	91.8	159.6		1.011	0.900
36.0	94.7	152.9		0.997	0.935
56.7	97.9	139.7		0.980	1.020
62.0	98.2	137.5		0.972	1.008
76.1	98.7	131.1		1.018	1.704
3.3	35.7	177.3	20	0.790	1.056
7.2	63.3	164.4		0.924	1.079
15.1	84.3	148.2		0.970	1.037
31.6	95.1	129.3		0.998	0.985
51.6	97.7	117.2		1.001	1.240
66.0	98.6	111.1		1.007	1.535
77.1	99.1	107.1		1.010	1.810
84.5	99.4	105.9		0.972	1.950
3.7	45.7	157.3	10	0.816	1.047
8.3	70.1	144.4		0.829	1.082
15.6	87.2	129.9		0.911	1.026
31.4	96.1	114.5		0.903	0.856
36.6	97.7	108.6		0.991	0.765
48.0	98.0	102.6		0.977	1.101
61.2	98.9	97.5		0.970	1.084
81.5	99.2	91.7		0.971	2.285

№ 1706

[742]

ХИНАЛЬДИН—ЛЕПИДИН

 $C_{10}H_9N—C_{10}H_9N$

x	y	t	P
0.0	0.0	265.63	760
3.9	8.3	264.56	
11.8	23.1	262.28	
19.9	35.8	260.31	
29.0	47.9	257.97	
33.2	53.3	256.83	
41.2	62.0	255.23	
46.0	66.4	254.32	
56.0	75.6	252.73	
60.2	79.0	251.98	
75.4	88.7	250.02	
83.8	93.2	249.11	
100.0	100.0	247.75	

№ 1707

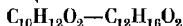
[742]

7-МЕТИЛХИНОЛИН—

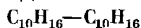
ЛЕПИДИН

 $C_{10}H_9N—C_{10}H_9N$

x	y	t	P
0.0	0.0	265.63	760
5.4	6.4	265.17	
12.7	14.7	264.52	
20.4	23.0	263.88	
27.6	30.5	263.27	
37.4	40.5	262.50	
50.1	53.1	261.51	
62.3	64.9	260.55	
75.5	77.4	259.54	
88.0	89.0	258.63	
96.9	97.2	257.90	
100.0	100.0	257.71	



x	y	t	P	γ_1	γ_2
0.0	0.0	213.1	380	—	1.00
17.0	22.9	210.8		1.01	1.00
29.7	37.8	209.0		1.00	0.99
41.8	50.6	207.8		0.98	0.99
43.5	52.2	207.0		0.99	1.01
55.1	63.7	205.4		1.01	1.02
64.1	71.6	204.6		0.99	1.01
70.9	77.4	203.9		0.99	1.01
100.0	100.0	200.4		1.00	—
0.0	0.0	189.6	190	—	1.00
29.4	37.7	184.9		1.02	1.02
34.6	43.8	184.4		1.02	1.01
42.0	51.2	183.6		1.01	1.01
47.4	57.0	182.9		1.01	1.01
55.6	64.7	181.9		1.01	1.01
64.6	72.3	180.7		1.01	1.04
69.0	76.2	180.1		1.02	1.04
100.0	100.0	177.5		1.00	—
0.0	0.0	168.2	95	—	1.00
27.6	36.6	164.9		1.00	0.98
39.1	49.4	163.8		0.99	0.97
48.2	59.0	162.7		1.00	0.96
56.0	66.2	161.8		0.99	0.96
63.3	72.3	160.8		0.99	0.98
69.6	77.6	159.6		1.01	0.99
100.0	100.0	156.7		1.00	—
0.0	0.0	148.8	47.5	—	1.00
31.2	42.9	144.8		1.05	0.96
36.7	48.4	144.0		1.04	0.98
43.5	55.7	143.2		1.04	0.97
51.0	63.2	142.6		1.03	0.9
59.1	70.1	141.4		1.03	0.97
68.6	77.9	140.6		1.02	0.96
100.0	100.0	137.7		1.00	—



x	y	t	P	x	y	t	P
0.0	0.0	109.4	100	41.5	63.9	100.3	100
8.8	21.7	—		56.8	77.1	—	
9.6	20.0	106.5		61.1	81.1	96.5	
18.7	39.0	—		73.5	87.8	—	
19.5	37.7	104.2		100.0	100.0	92.5	
37.0	60.7	—					

№ 1710 [207]

КАМФЕН—КАРЕН Δ_3 $C_{10}H_{16}-C_{10}H_{16}$

x	y	t	P
0.0	0.0	104.5	100
19.9	31.8	102.2	
35.8	53.0	99.3	
59.0	75.0	97.0	
80.2	89.1	94.7	
100.0	100.0	92.5	

№ 1711 [207]

 α -ПИНЕН—КАРЕН Δ_3 $C_{10}H_{16}-C_{10}H_{16}$

x	y	t	P
0.0	0.0	104.5	100
21.2	36.5	101.0	
39.5	61.0	98.5	
59.5	77.5	95.5	
80.3	91.2	92.8	
100.0	100.0	90.5	

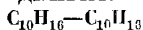
№ 1712

 α -ПИНЕН—КАРЕН Δ_3

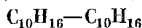
[407]

 $C_{10}H_{16}-C_{10}H_{16}$

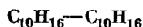
x	y	t	P	x	y	t	P
0.0	0.0	64.9	20	56.1	75.0	69.3	35
3.0	6.4	64.4		63.0	80.3	68.4	
6.4	12.8	63.8		68.6	84.2	67.2	
9.5	18.5	63.2		78.5	90.5	66.5	
18.5	33.0	61.8		80.3	91.2	66.4	
22.8	39.7	61.1		84.0	93.4	65.9	
35.2	56.1	59.4		90.5	96.1	65.4	
39.7	60.9	58.8		93.4	95.7	64.9	
47.7	68.6	57.8		100.0	100.0	64.3	
56.1	75.0	56.8		0.0	0.0	85.6	50
63.0	80.3	55.8		3.0	6.4	85.0	
68.6	84.2	55.3		6.4	12.8	84.4	
78.5	90.5	54.3		9.5	18.5	83.9	
80.3	91.2	54.1		18.5	33.0	82.5	
84.0	93.4	53.8		22.8	39.7	82.1	
90.5	96.1	53.2		35.2	56.1	80.4	
93.4	95.7	52.8		39.7	60.9	79.9	
100.0	100.0	52.4		47.7	68.6	78.6	
0.0	0.0	77.5	35	56.1	75.0	77.6	
3.0	6.4	77.1		63.0	80.3	76.8	
6.4	12.8	76.5		68.6	84.2	76.2	
9.5	18.5	76.1		78.5	90.5	75.2	
18.5	33.0	74.6		80.3	91.2	75.0	
22.8	39.7	73.8		84.0	93.4	74.9	
35.2	56.1	72.0		90.5	96.1	73.8	
39.7	60.9	71.5		93.4	95.7	73.6	
47.7	68.6	70.3		100.0	100.0	73.0	



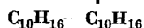
x	y	t	P	x	y	t	P
0.0	0.0	69.4	20	56.4	77.1	70.7	35
4.6	9.4	68.1		63.3	81.5	69.6	
9.4	17.0	67.0		73.6	87.0	68.3	
12.0	24.0	64.3		81.5	91.8	67.0	
17.9	34.2	65.1		84.3	92.5	66.6	
24.0	44.5	64.1		88.7	95.0	65.7	
33.3	56.4	62.3		92.5	97.1	65.4	
34.2	55.0	62.1		95.0	98.0	65.0	
51.6	73.6	58.9		100.0	100.0	64.3	
56.4	77.1	58.6		0.0	0.0	91.2	50
63.3	81.5	57.3		4.6	9.4	90.1	
73.6	87.0	56.0		9.4	17.0	88.9	
81.5	91.8	54.0		12.0	24.0	88.1	
84.3	92.5	54.2		17.9	34.2	86.6	
88.7	95.0	53.6		24.0	44.5	85.3	
92.5	97.1	53.2		33.3	56.4	83.1	
95.0	98.0	53.0		34.2	55.0	82.9	
100.0	100.0	52.4		51.6	73.6	79.9	
0.0	0.0	82.8	35	56.4	77.1	79.1	
4.6	9.4	81.3		63.3	81.5	77.8	
9.4	17.0	80.1		73.6	87.0	76.4	
12.0	24.0	79.6		81.5	91.8	75.3	
17.9	34.2	78.2		84.3	92.5	74.9	
24.0	44.5	77.0		88.7	95.0	74.3	
33.3	56.4	75.2		92.5	97.1	74.0	
34.2	55.0	74.9		95.0	98.0	73.6	
51.6	73.6	71.5		100.0	100.0	73.0	



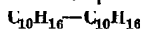
x	y	t	P
0.0	0.0	109.4	100
21.5	42.5	104.4	
40.0	67.0	100.0	
60.1	81.0	96.3	
80.1	91.5	93.2	
100.0	100.0	90.5	



x	y	t	P	x	y	t	P
0.0	0.0	69.5	20	50.5	72.2	71.9	35
6.3	13.2	67.8		65.3	83.6	69.4	
9.5	20.9	66.8		66.7	84.4	69.3	
13.2	26.5	66.1		68.5	85.0	69.3	
20.9	38.9	64.5		72.2	86.3	68.7	
25.6	47.6	63.6		82.0	92.1	66.9	
41.4	65.3	60.8		84.4	94.0	66.3	
44.9	68.5	60.1		92.1	96.8	65.3	
47.6	69.4	59.6		100.0	100.0	64.3	
50.5	72.2	59.2		0.0	0.0	91.2	50
65.3	83.6	56.9		6.3	13.2	89.6	
66.7	84.4	56.7		9.5	20.9	87.8	
68.5	85.0	56.5		13.2	20.5	87.9	
72.2	86.3	56.1		20.9	38.9	85.9	
82.0	92.1	54.6		25.6	47.6	84.9	
84.4	94.0	54.3		41.4	65.3	81.6	
92.1	86.8	53.2		44.9	68.5	80.9	
100.0	100.0	52.4		47.6	69.4	80.5	
0.0	0.0	82.7	35	50.5	72.2	79.9	
6.3	13.2	80.8		65.3	83.6	77.6	
9.5	20.9	80.1		66.7	84.4	77.3	
13.2	26.5	79.3		68.5	85.0	76.9	
20.9	38.9	77.6		72.2	86.3	76.5	
25.6	47.6	76.6		82.0	92.1	75.1	
41.4	65.3	73.6		84.4	94.0	74.3	
44.9	68.5	73.0		92.1	96.8	73.9	
47.6	69.4	72.5		100.0	100.0	73.0	

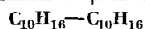


x	y	t	P	x	y	t	P
7.0	8.5	Нет данных	20	52.5	61.0	Нет данных	20
7.5	9.0			57.5	65.5		
10.5	13.0			59.0	67.0		
13.0	16.0			65.5	72.0		
16.0	19.5			68.0	74.5		
17.5	21.5			74.0	79.0		
28.0	34.5			78.0	82.5		
31.0	37.5			84.5	87.5		
34.5	42.0			86.5	89.0		
37.5	45.0			88.0	90.5		
41.5	49.5			89.0	91.0		
43.5	51.5			93.0	94.5		
46.5	55.5			95.5	96.5		



x	y	z	P	γ_1	γ_2
5.49	10.00	81.6	55	1.379	0.990
10.00	15.50	81.3		1.181	0.985
10.75	18.75	81.0		1.345	0.970
18.75	24.38	80.6		1.018	1.008
21.25	28.50	80.4		1.073	1.005
28.50	36.25	79.5		1.043	0.989
30.00	38.50	79.4		1.054	1.002
38.50	47.88	78.6		1.057	0.999
41.75	52.38	78.2		1.085	0.981
48.25	60.75	77.4		1.133	0.948
52.38	63.00	77.2		1.084	0.973
58.88	69.00	76.6		1.068	0.968
60.75	71.25	76.4		1.092	0.949
65.50	77.10	75.8		1.124	0.882
69.00	78.00	75.7		1.084	0.951
76.75	81.75	75.1		1.043	0.867
78.75	85.50	74.8		1.082	0.948
85.50	89.75	74.3		1.066	1.002
89.75	93.75	74.0		1.076	0.876
93.75	94.88	73.8		1.052	1.188

x	y	z	P	x	y	z	P
5.49	10.00	71.3	35	5.49	10.00	53.2	15
10.00	15.50	70.9		10.00	15.50	52.8	
10.75	18.75	70.7		10.75	18.75	52.6	
18.75	24.38	70.3		18.75	24.38	52.4	
21.25	28.50	70.2		21.25	28.50	52.0	
28.50	36.25	69.5		28.50	36.25	51.4	
30.00	38.50	69.3		30.00	38.50	51.3	
38.50	47.88	68.6		38.50	47.88	50.6	
41.75	52.38	68.3		41.75	52.38	50.3	
48.25	60.75	67.7		48.25	60.75	49.7	
52.38	63.00	67.5		52.38	63.00	49.5	
59.75	69.00	66.8		59.75	69.00	49.0	
60.75	71.25	66.5		61.00	71.25	48.8	
65.50	77.50	66.3		66.50	78.00	48.4	
69.00	77.10	66.2		69.00	77.10	48.3	
77.10	83.38	65.7		77.50	83.75	47.8	
78.75	85.50	65.4		79.75	87.02	47.5	
85.50	89.75	65.1		87.02	90.75	47.2	
89.75	93.75	64.9		89.75	93.75	47.0	
93.75	94.88	64.8		93.75	94.88	46.9	



α	γ	z	P	γ_1	γ_2
0.0	0.0	60.64	20	—	1.000
7.0	6.6	60.30		0.686	1.022
14.8	18.8	59.57		0.957	1.005
35.0	41.7	58.00		0.969	1.023
43.3	51.4	57.46		0.991	1.004
64.8	71.8	55.68		1.011	1.028
73.4	79.1	54.89		1.023	1.049
84.4	87.8	54.47		1.009	1.067
94.1	94.6	53.79		1.009	1.294
100.0	100.0	53.86		1.000	—
0.0	0.0	98.34	100	—	1.000
6.7	6.2	98.02		0.697	1.018
14.4	18.0	97.28		0.967	0.997
25.0	30.5	96.44		0.972	0.995
35.6	41.0	95.49		0.945	1.023
45.3	50.7	94.81		0.947	1.029
66.4	72.8	92.93		0.996	0.994
73.8	80.4	92.15		1.025	0.929
87.0	88.6	91.40		0.980	1.142
95.3	95.8	90.60		0.986	1.201
100.0	100.0	90.37		1.000	—
0.0	0.0	131.45	300	—	1.000
4.6	5.1	131.21		0.855	1.002
14.8	19.1	130.00		1.037	0.993
25.3	29.8	129.11		0.971	1.008
35.5	42.1	128.22		1.003	0.990
47.2	51.9	127.13		0.961	1.038
52.9	60.1	126.57		1.009	0.982
65.9	71.4	125.45		0.995	1.006
73.8	81.1	124.74		1.031	0.885
87.4	91.5	123.89		1.007	0.862
95.3	95.6	123.00		0.992	1.213
100.0	100.0	122.61		1.000	—
0.0	0.0	149.71	500	—	1.000
4.8	7.3	149.57		1.177	0.977
12.9	19.3	147.96		1.205	0.969
24.5	29.8	146.94		1.005	0.998
35.7	41.5	145.95		0.987	1.002
44.3	50.7	144.80		1.002	1.004
50.8	57.5	144.38		1.001	0.989
66.3	72.1	143.13		0.999	0.980
73.8	80.4	142.19		1.025	0.906
86.3	87.8	141.47		0.979	1.099
95.1	95.3	140.52		0.991	1.212
100.0	100.0	140.18		1.000	—
0.0	0.0	162.72	700	—	1.000
5.8	6.2	162.40		0.880	1.004
8.4	18.3	161.32		1.830	0.925
20.0	29.8	160.04		1.282	0.941
36.0	40.3	158.90		0.985	1.030

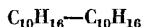
Таблица № 1718 (продолжение)

x	y	t	P	γ_1	γ_2
45.0	50.7	157.89	700	1.012	1.016
64.8	71.1	155.75		1.031	0.984
73.5	80.1	155.07		1.039	0.916
86.0	87.8	154.12		0.994	1.089
95.3	95.3	153.08		0.996	1.284
100.0	100.0	152.93	750	1.000	—
0.0	0.0	165.32		—	1.000
4.8	11.7	164.63		2.066	0.945
24.1	30.3	163.16		1.094	0.973
34.8	41.0	161.60		1.055	0.998
43.7	51.2	160.60		1.069	0.981
51.7	58.5	160.08		1.043	0.986
65.7	70.6	158.67		1.028	1.003
74.0	80.1	157.73		1.045	0.934
86.3	88.1	156.84		1.004	1.084
100.0	100.0	156.08		1.000	—

№ 1719

 α -ПИНЕН—ТЕРЦИНОЛЕН

[407]

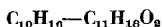


x	y	t	P	x	y	t	P
0.0	0.0	84.4	20	54.0	86.1	62.1	20
3.3	12.7	82.0		55.1	86.3	61.8	
7.6	24.7	79.3		61.6	89.4	60.2	
12.6	38.9	77.1		75.1	94.2	56.9	
12.7	39.1	76.8		78.6	95.2	56.1	
21.2	55.1	73.3		86.1	97.1	54.7	
24.7	60.8	72.1		89.4	97.9	54.0	
38.2	75.1	67.1		95.2	99.1	52.9	
38.9	75.8	66.9		100.0	100.0	52.4	

№ 1720

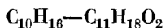
ДИЦЕНТЕН (ЛИМОНЕН)—МУРАВЬИНОИЗОБОРНЕОЛОВЫЙ ЭФИР

[207]

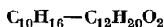


x	y	t	P	x	y	t	P
0.0	0.0	150	100	45.9	79.3	119.0	100
14.85	54.7	137.5		65.15	90.8	115.0	
23.22	65.6	129.5		67.6	88.0	112.0	
26.4	70.9	127.0		72.75	91.5	115.3	
43.32	83.5	118.5		93.85	97.3	110.0	
45.55	84.0	121.0		100.0	100.0	109.4	

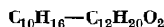
КАМФЕН—МУРАВЬИНОИЗОБОРНЕОЛОВЫЙ ЭФИР



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.0	150	100	54.45	95.0	99.3	100
6.12	44.5	135		56.6	99.0	102.5	
7.12	59,65	139		77.9	97.7	95.0	
15.15	73.1	125		78.4	96.0	95.5	
27.10	84.8	116		100.0	100.0	92.5	
37.78	91.0	110.5					

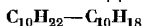
ДИПЕНТЕН (ЛИМОНЕН)—
УКСУСНОИЗОБОРНЕОЛОВЫЙ
ЭФИР

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	156.3	100
12.5	55.5	142.3	
21.25	71.5	135.5	
31.2	82.5	132.3	
36.25	85.0	125.8	
40.5	81.7	125.8	
60.5	91.5	119.4	
78.9	96.8	114.0	
100.0	100.0	109.4	

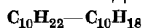
КАМФЕН—
УКСУСНОИЗОБОРНЕОЛОВЫЙ
ЭФИР

<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.00	0.0	156.3	100
11.25	73.0	136.8	
11.85	64.0	139.8	
16.7	85.3	125.0	
19.35	90.0	122.8	
29.5	92.7	116.3	
39.65	94.5	110.0	
58.25	97.5	102.3	
79.5	97.0	95.0	
100.0	100.0	92.5	

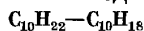
ДЕКАН—ТРАНСДЕКАЛИН



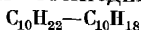
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
10.0	11.6	Нет данных	50	60.0	65.2	Нет данных	200
20.0	22.8			70.0	74.4		
30.0	33.7			80.0	83.3		
40.0	44.1			90.0	91.8		
50.0	54.2			10.0	12.6		725—74
60.0	64.0			20.0	24.5		
70.0	73.5			30.0	35.8		
80.0	82.7			40.0	46.3		
90.0	91.4			50.0	56.5		
10.0	12.2		200	60.0	66.1		
20.0	23.8			70.0	75.2		
30.0	34.8			80.0	83.8		
40.0	45.5			90.0	92.2		
50.0	55.5						



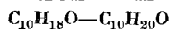
x	y	t	P	γ_1	γ_2
25.6	29.5	95.35	50	0.967	0.999
25.7	29.5	95.35		0.963	1.000
46.9	51.6	94.0		0.974	1.011
63.7	67.6	93.0		0.978	1.032
63.7	67.8	93.0		0.980	1.026
84.4	86.6	91.95		0.988	1.033
25.8	28.5	72.9	20	0.963	1.019
26.2	28.8	72.9		0.958	1.019
46.0	49.4	72.03		0.973	1.026
46.6	50.2	72.0		0.980	1.025
73.3	75.9	70.9		0.988	1.041
84.2	85.8	70.45		0.995	1.059
26.2	28.2	58.15	10	0.945	1.006
49.7	52.3	57.3		0.960	1.021
50.0	52.8	57.3		0.964	1.017
68.4	70.5	56.65		0.969	1.036
73.2	75.3	56.5		0.977	1.031
87.4	88.4	56.1		0.982	1.052



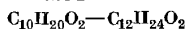
x	y	t	P	$\lg \frac{\gamma_1}{\gamma_2}$
6.5	8.7	Нет данных	760	0.006
10.5	13.7			0.000
16.5	21.0			-0.004
19.5	24.5			-0.007
19.9	24.5			-0.020
21.8	27.6			0.003
24.1	30.5			0.006
30.0	37.0			0.003
30.5	37.0			0.007
31.2	38.7			0.009
31.5	38.2			-0.007
33.8	40.5			-0.004
35.1	42.7			0.006
35.4	43.2			0.009
36.2	44.1			0.003
39.1	46.0			-0.010
44.5	52.7			0.009
56.5	64.1			0.004
61.2	67.6			-0.012
69.1	75.0			-0.006
69.4	75.4			-0.006
71.7	77.6			0.004
81.0	85.5			0.007
82.5	86.2			-0.009



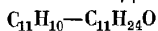
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
25.2	28.7	Нет данных	10	33.5	37.8	Нет данных	20
28.1	31.8			36.7	41.6		
30.9	34.8			39.7	44.3		
34.1	38.4			40.8	46.0		
38.0	42.1			41.6	46.9		
41.9	46.0			43.8	49.0		
47.7	51.8			44.8	49.5		
52.0	55.9			46.9	51.3		
57.0	60.0			48.0	52.5		
62.7	65.9			49.8	54.7		
71.0	72.5		20	50.0	55.2		50
83.2	85.1			54.0	58.8		
10.4	12.4			56.9	62.2		
13.0	15.5			57.6	62.7		
14.4	17.1			11.3	15.1		
15.1	17.6			16.7	20.1		
17.1	20.1			23.5	27.3		
20.1	23.6			28.2	33.2		
21.2	23.6			33.7	39.2		
27.2	30.6			38.2	43.8		
28.2	30.9			43.2	48.6		
31.4	36.4			46.2	52.0		



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
11.4	30.2	80.5	5	58.6	76.7	123.0	50
20.8	43.0	78.5		71.4	84.3	121.9	
28.6	51.5	77.9		83.2	91.1	120.9	
39.0	69.9	74.6		90.2	94.0	120.0	
51.4	75.5	73.6		11.4	18.3	162.8	180
58.6	83.6	72.7		20.8	29.4	162.2	
71.4	91.1	71.9		28.0	39.4	161.0	
83.2	93.5	69.8		39.0	49.3	158.7	
90.2	94.6	68.4		51.4	60.1	158.0	
11.4	19.9	128.2	50	58.6	68.5	157.7	
20.8	31.1	127.0		71.4	81.4	157.4	
28.6	41.1	126.4		83.2	88.8	156.7	
39.0	52.4	125.3		90.2	93.5	155.0	
51.4	66.1	124.2					



x	y	t	P	x	y	t	P
0.0	0.0	152.0	3.6	55.1	77.7	171.0	10
7.4	17.2	149.2		66.1	84.4	168.9	
11.6	26.6	148.1		77.2	89.9	166.5	
16.0	33.3	146.0		81.6	92.5	166.3	
21.3	42.1	145.2		87.7	94.9	165.0	
30.6	57.9	142.0		92.5	96.5	164.4	
44.1	66.5	139.6		100.0	100.0	163.3	
54.3	76.9	136.8		0.0	0.0	226.8	100
64.8	84.0	135.3		8.3	17.5	224.0	
76.4	90.2	133.7		12.7	25.0	222.5	
81.0	92.2	132.6	10	16.2	30.1	221.6	
87.2	94.8	131.8		22.3	39.7	219.6	
92.5	96.0	130.8		32.6	53.5	216.7	
100.0	100.0	130.2		44.5	66.7	213.0	
0.0	0.0	186.2		56.5	75.9	210.4	
8.0	19.1	183.4		66.1	82.2	208.6	
13.5	27.8	180.9		76.4	88.4	206.4	
16.8	33.3	180.5		81.7	90.9	205.7	
22.1	41.7	179.0		87.8	94.2	204.8	
32.5	55.1	176.4		92.7	96.3	203.7	
44.3	69.0	173.4		100.0	100.0	202.5	



x	y	t	P	γ_1	γ_2
0	0.0	160.8	50	—	1.000
1	2.1	160.5		1.187	1.000
5	10.4	159.2		1.240	1.000
10	20.2	157.5		1.270	1.000
20	37.0	154.5		1.270	1.002
30	49.6	152.2		1.240	1.006
40	59.2	150.3		1.197	1.021
50	66.9	149.0		1.120	1.044
60	73.8	147.6		1.082	1.091
70	80.0	146.5		1.044	1.168
80	86.0	145.5		1.017	1.267
90	92.3	144.6		1.001	1.442
95	95.9	144.2		1.000	1.558
99	99.1	144.0		1.000	1.660
100	100.0	144.0		1.000	—

ИЗОУНДЕЦИЛОВЫЙ СПИРТ (5-ЭТИЛ-2-НОНАНОЛ)—
1-МЕТИЛНАФТАЛИН
 $C_{11}H_{24}O-C_{11}H_{10}$

x	y	t	P	x	y	t	P
61.3	66.3	192.6	300	61.3	65.3	158.7	100
65.9	71.0	193.2		65.9	68.5	157.6	
71.9	76.1	192.3		71.9	73.9	155.6	
76.5	79.0	192.7		76.5	77.6	159.0	
81.2	83.8	191.9		81.2	81.9	157.6	
86.0	87.4	191.6		86.0	86.0	158.6	
90.7	91.5	191.6		90.7	90.3	158.5	
95.7	96.3	190.8		95.7	95.4	157.5	
61.3	67.0	186.6	250	61.3	63.4	138.8	50
65.9	70.2	186.6		65.9	67.1	140.4	
71.9	75.8	185.8		71.9	71.8	139.0	
76.5	79.3	186.4		76.5	76.2	139.7	
81.2	83.6	185.9		81.2	80.5	140.0	
86.0	87.5	185.4		86.0	85.0	139.4	
90.7	91.4	185.6		90.7	89.5	140.0	
95.7	96.2	184.7		95.7	95.0	139.8	
61.3	64.6	171.6	150	61.3	60.4	120.5	20
65.9	69.8	170.4		65.9	64.2	120.0	
71.9	74.6	167.3		71.9	68.8	117.2	
76.5	78.2	170.0		76.5	73.1	117.7	
81.2	82.8	170.3		81.2	78.1	116.7	
86.0	86.6	170.3		86.0	83.8	119.8	
90.7	90.8	171.2		90.7	87.7	119.1	
95.7	95.9	170.2		95.7	94.4	118.5	

ИЗОУНДЕЦИЛОВЫЙ СПИРТ (5-ЭТИЛ-2-НОНАНОЛ)—
2-МЕТИЛНАФТАЛИН
 $C_{11}H_{24}O-C_{11}H_{10}$

x	y	t	P	x	y	t	P
3.4	8.4	210.6	400	83.5	85.2	201.6	400
8.8	15.8	210.5		86.3	87.9	201.8	
21.8	26.7	208.7		91.4	92.4	201.7	
28.0	36.5	205.6		94.2	95.0	198.7	
36.0	39.6	206.7		97.6	98.1	200.4	
44.6	49.6	202.9		3.4	8.2	199.3	300
50.2	57.3	202.7		8.8	15.5	199.7	
57.1	63.6	201.0		13.9	21.1	199.6	
65.8	69.5	202.5		21.8	24.0	199.0	
75.8	78.0	201.3		28.0	34.1	195.3	
78.2	80.7	201.0		36.0	43.5	194.2	

Таблица № 1732 (продолжение)

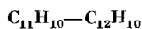
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
44.6	52.6	193.9	300	44.6	51.3	171.4	150
50.2	57.3	193.0		50.2	56.6	170.4	
57.1	62.9	192.0		57.1	61.5	169.3	
65.8	68.9	191.9		65.8	68.0	170.0	
75.8	77.4	190.9		75.8	76.3	169.2	
78.2	80.5	190.9		78.2	79.1	169.4	
83.5	84.6	190.7		83.5	83.7	169.0	
86.3	87.7	190.6		86.3	86.4	167.8	
91.4	92.2	190.5		91.4	91.4	169.0	
94.2	94.9	189.7		94.2	94.2	169.1	
97.6	97.8	190.6	250	97.6	97.9	170.1	100
3.4	8.5	193.8		3.4	7.7	163.9	
8.8	15.8	193.6		8.8	14.4	163.3	
13.9	20.1	191.7		13.9	20.7	162.1	
21.8	24.0	192.0		21.8	26.7	159.1	
28.0	33.8	190.4		28.0	32.7	160.6	
36.0	43.2	187.8		36.0	42.2	159.7	
44.6	49.7	185.3		44.6	50.9	159.4	
50.2	56.5	186.6		50.2	55.1	157.4	
57.1	62.2	185.4		57.1	60.4	156.4	
65.8	68.9	185.8	200	65.8	67.0	157.8	50
75.8	77.3	184.9		75.8	75.8	157.5	
78.2	80.2	184.8		78.2	78.1	156.8	
83.5	84.7	185.3		83.5	83.1	157.8	
86.3	87.5	184.9		86.3	85.7	155.5	
91.4	92.0	185.2		91.4	90.9	156.8	
94.2	94.5	184.0		94.2	94.0	156.5	
97.6	97.7	184.6		97.6	97.5	157.3	
3.4	8.6	184.7		3.4	7.6	144.0	
8.8	15.9	185.1		8.8	15.2	143.4	
13.9	21.1	184.4	150	13.9	19.7	142.1	20
21.8	29.5	182.1		21.8	28.0	142.0	
28.0	31.2	183.7		28.0	31.0	141.2	
36.0	43.2	180.6		36.0	39.7	141.3	
44.6	52.2	179.5		44.6	48.0	140.0	
50.2	55.9	178.3		50.2	52.8	139.7	
57.1	62.8	176.7		57.1	58.3	138.9	
65.8	68.7	178.8		65.8	65.1	139.4	
75.8	76.4	176.2		75.8	73.8	139.1	
78.2	80.0	178.7		78.2	75.8	138.6	
83.5	84.4	178.1	100	83.5	81.1	139.6	10
86.3	87.0	177.4		86.3	84.5	139.6	
91.4	91.5	177.6		91.4	90.0	140.6	
94.2	94.9	176.1		94.2	93.3	140.2	
97.6	97.7	177.7		97.6	97.3	140.2	
3.4	8.3	176.3		3.4	7.1	121.8	
8.8	15.0	175.2		8.8	13.7	121.0	
13.9	21.6	173.9		13.9	19.5	121.0	
21.8	28.6	172.2		21.8	25.5	120.8	
28.0	32.4	174.0		28.0	31.1	121.1	
36.0	41.1	171.9		36.0	37.6	119.4	

Таблица № 1732 (продолжение)

x	y	t	P	x	y	t	P
44.6	45.0	119.4	20	83.5	79.1	120.7	20
50.2	49.6	119.0		86.3	82.7	121.3	
57.1	54.5	118.6		91.4	88.0	121.0	
65.8	61.3	119.3		94.2	92.1	121.4	
75.8	70.9	119.5		97.6	97.0	121.3	
78.2	73.3	120.6					

№ 1733

[47]

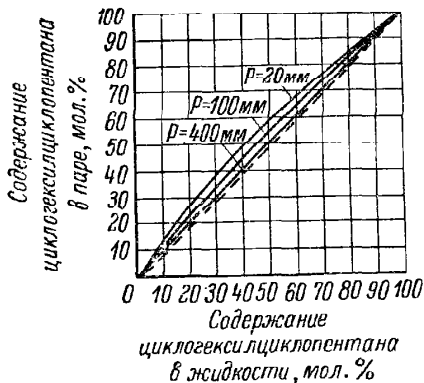
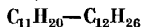
 β -МЕТИЛЦАФТАЛИН—АЦЕНАФТЕН

x	y	t	P
17.43	25.61	Нет данных	760
19.02	30.39		
29.36	40.54		
35.13	47.52		
39.52	52.93		
48.23	59.27		
57.49	69.84		
68.18	79.55		
77.07	87.98		
86.00	91.55		

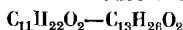
№ 1734

ЦИКЛОГЕКСИЛЦИКЛОПЕНТАН—ДОДЕКАН

[516]



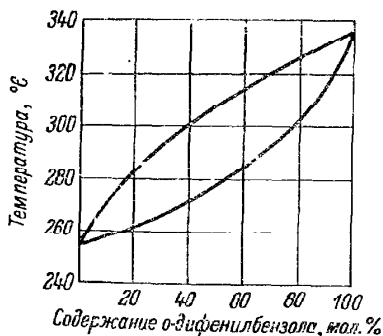
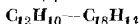
КАПРИНОВОМЕТИЛОВЫЙ ЭФИР—ЛАУРИНОВОМЕТИЛОВЫЙ ЭФИР



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
28.9	56.2	147.6	30	31.0	56.7	160.3	50
57.6	83.0	139.7		55.1	78.3	153.2	
65.3	83.1	140.8		59.9	82.3	151.8	
87.2	96.6	133.0		64.7	83.9	145.0	
37.9	65.5	152.4	40	82.2	93.0	146.9	100
58.0	82.3	139.5		28.9	53.4	180.6	
64.0	85.7	145.2		44.9	68.2	175.5	
64.6	85.2	137.9		66.3	86.0	150.6	
82.8	94.7	141.1		84.9	94.0	165.6	

№ 1736

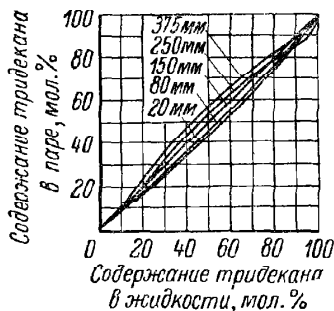
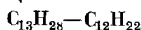
[1037]

ДИФЕНИЛ-*o*-ДИФЕНИЛБЕНЗОЛ $P = 760$ мм

№ 1737

[516]

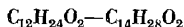
ТРИДЕКАН—ДИЦИКЛОГЕКСИЛ



№ 1738

[4431]

ЛАУРИНОВАЯ КИСЛОТА—МИРИСТИНОВАЯ КИСЛОТА



<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0	0	Нет данных	760	10.0	21.0	Нет данных	760
1.0	2.9			15.0	28.3		
3.0	7.6			20.0	35.0		
5.0	11.9			25.0	40.9		

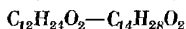
Таблица № 1738 (продолжение)

x	y	t	P	x	y	t	P
30.0	46.4	Нет данных	760	75.0	86.5	Нет данных	760
35.0	51.7			80.0	89.2		
40.0	57.0			85.0	92.7		
45.0	61.9			90.0	95.24		
50.0	71.1			95.0	97.62		
60.0	75.3			97.0	98.59		
65.0	79.3			99.0	99.53		
70.0	82.9			100.0	100.0		

№ 1739

ЛАУРИНОВАЯ КИСЛОТА—МИРИСТИНОВАЯ КИСЛОТА

[780]

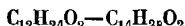


x	y	t	P	x	y	t	P
0.0	0.0	166.1	2.8	64.5	82.5	176.2	10
5.5	13.1	165.6		72.7	87.7	175.3	
9.8	19.1	162.7		82.6	92.0	173.2	
15.3	31.3	161.0		87.0	94.3	172.9	
19.8	36.0	160.8		93.1	96.4	171.7	
29.3	50.0	158.1		100.0	100.0	170.0	
37.5	60.5	157.0		0.0	0.0	230.2	50
63.3	81.1	152.8		6.0	12.5	228.1	
72.0	87.5	151.0	10	11.5	23.5	226.6	
81.5	92.3	149.1		16.9	31.0	225.1	
87.1	94.2	148.5		20.6	36.2	224.4	
92.9	96.1	147.8		31.0	52.0	221.4	
100.0	100.0	146.8		39.6	60.0	219.5	
0.0	0.0	191.4		65.2	82.0	214.0	
6.0	13.3	189.5		73.2	87.1	212.7	
11.3	23.4	188.3		82.9	91.5	210.8	
16.4	31.7	186.7		87.6	93.8	210.0	
20.0	36.9	186.0		93.0	96.4	209.2	
30.8	50.7	182.6		100.0	100.0	208.3	
38.9	63.5	181.0					

№ 1740

ЛАУРИНОВАЯ КИСЛОТА—МИРИСТИНОВАЯ КИСЛОТА

[1050]



x	y	t	P	γ_1	γ_2
0.00	0.00	174.0	4	—	1.000
10.60	17.84	171.8		0.671	0.990
21.97	34.91	169.3		0.671	1.000
34.50	51.80	166.3		0.697	0.982

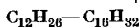
Таблица № 1740 (продолжение)

α	y	t	P	γ_1	γ_2
41.96	59.99	164.8	4	0.711	0.994
43.81	61.35	164.3		0.715	1.010
57.02	77.02	161.3		0.819	0.955
63.49	82.04	159.8		0.847	0.958
75.34	90.67	157.8		0.972	0.916
84.37	95.76	156.3		0.995	0.716
100.00	100.00	154.0		1.000	—

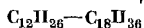
№ 1741

ДОДЕКАН—ГЕКСАДЕЦЕН

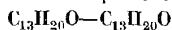
[667]



x	y	t	P	x	y	t	P
0.0	0.0	285.0	760	64.9	95.3	155.2	100
10.2	32.6	271.1		81.5	98.3	149.4	
14.0	40.7	267.2		100.0	100.0	145.8	
28.7	64.3	252.3		0.0	0.0	187.8	
40.3	75.8	243.2		10.8	52.8	170.6	
56.1	85.6	234.0	400	18.2	67.6	162.9	50
77.7	95.1	222.8		31.8	81.9	153.3	
100.0	100.0	213.3		49.4	90.8	144.6	
0.0	0.0	257.1		63.9	95.3	137.9	
8.1	29.4	245.0		81.2	98.8	132.7	
18.3	53.9	233.2		100.0	100.0	127.6	20
21.5	60.6	229.8		0.0	0.0	163.9	
27.1	67.7	225.1		8.0	48.5	151.3	
45.0	82.5	212.2		16.6	68.1	142.4	
65.6	93.0	201.6		30.8	82.4	132.9	
78.7	97.0	195.7	200	38.8	87.5	128.9	10
100.0	100.0	188.7		47.0	91.0	125.3	
0.0	0.0	231.5		64.3	96.1	118.4	
9.7	41.3	215.2		76.3	98.0	113.8	
19.6	62.7	204.0		100.0	100.0	104.4	
33.5	77.2	193.9	100	0.0	0.0	147.2	
48.0	87.2	185.1		7.5	49.8	137.8	
66.6	94.3	176.8		15.2	68.1	128.9	
83.1	98.0	170.7		26.3	80.6	121.6	
100.0	100.0	165.4		32.0	85.2	117.3	
0	0	208.9	100	43.5	90.6	111.6	
6.9	37.5	194.1		63.2	96.4	103.8	
17.9	63.2	183.3		83.2	99.0	95.8	
34.0	80.7	170.2		100.0	100.0	90.2	
49.4	90.1	161.9					

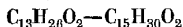


x	y	t	P	x	y	t	P
1.0	26.7	161.9	10	25.2	83.6	187.6	100
4.8	46.3	153.1		29.5	86.6	183.2	
5.8	60.7	147.6		46.5	95.3	168.2	
6.1	62.2	144.1		65.5	97.1	159.0	
10.0	73.7	139.4		78.4	98.9	152.4	
13.3	77.8	137.2		5.5	34.0	250.4	200
13.6	76.7	133.3		9.3	51.8	242.2	
20.8	90.1	122.5		11.2	52.3	240.7	
29.7	90.7	115.9		20.3	72.1	225.4	
43.5	96.8	107.6		22.3	76.8	221.7	
52.5	97.3	101.8	20	23.6	82.0	218.3	
2.7	34.0	174.8		33.0	86.0	210.6	
3.6	44.8	168.5		39.4	90.1	202.3	
5.0	48.8	166.1		40.0	93.5	198.6	
5.9	51.1	163.1		58.5	96.2	188.1	
8.2	62.7	155.6		71.5	98.2	179.7	
14.2	80.5	144.3		3.4	20.9	283.3	400
19.7	85.6	138.6		5.6	34.3	277.3	
27.1	90.4	131.7		11.3	48.6	259.1	
37.2	94.6	122.8		19.7	69.6	240.1	
61.2	96.9	113.9		25.0	77.4	244.8	
75.7	99.2	110.8		34.0	84.7	232.3	
4.0	26.6	204.2	50	40.5	88.8	226.9	
3.8	38.2	199.8		42.6	91.0	221.8	
6.0	47.2	194.8		64.0	96.4	208.7	
10.7	63.9	187.1		74.1	98.2	201.8	
15.3	72.1	178.5		3.7	26.1	303.8	760
17.8	78.2	175.0		8.2	38.0	296.9	
21.9	83.2	168.6		10.4	43.3	294.7	
28.0	88.0	163.9		15.0	52.1	286.9	
33.1	91.5	156.4		21.8	66.3	277.4	
41.6	93.9	150.6		28.3	76.4	267.2	
64.7	97.5	138.8		33.5	81.8	261.1	
82.0	99.2	132.8		42.7	89.1	249.8	
3.1	20.5	226.3	100	44.8	89.0	249.2	
5.8	39.3	220.2		54.4	92.9	241.5	
10.6	56.9	210.8		69.2	97.3	231.7	
14.7	69.4	202.1					



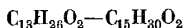
x	y	t	P
17.0	24.5	Нет данных	0.1
26.0	33.5		
44.5	53.0		
53.5	61.0		
77.5	81.0		
85.5	89.0		

МЕТИЛЛАУРАТ—МЕТИЛМИРИСТАТ



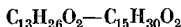
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
0.0	0.0	Нет данных	760	55.0	79.0	Нет данных	760
1.0	2.8			60.0	82.5		
3.0	7.6			65.0	85.4		
5.0	12.0			70.0	88.0		
10.0	22.4			75.0	90.0		
15.0	31.7			80.0	92.0		
20.0	40.0			85.0	94.0		
25.0	47.3			90.0	96.0		
30.0	53.9			95.0	98.04		
35.0	59.7			97.0	98.82		
40.0	65.0			99.0	99.60		
45.0	70.2			100.0	100.0		
50.0	75.0						

МЕТИЛЛАУРАТ—МЕТИЛМИРИСТАТ

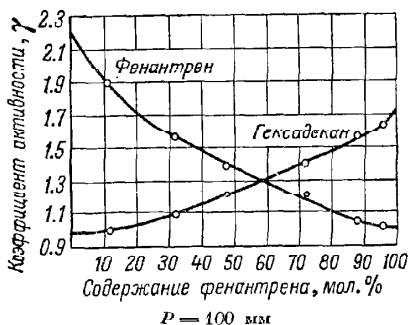
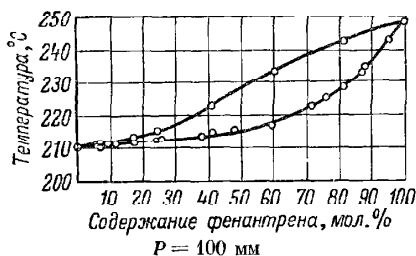
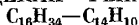
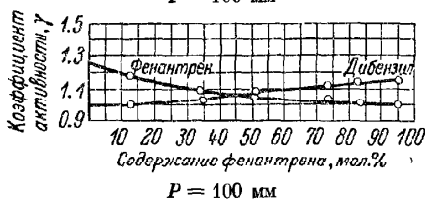
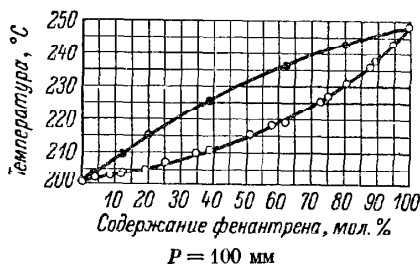


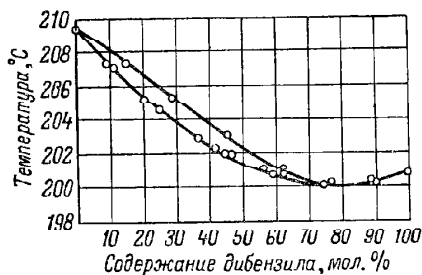
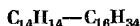
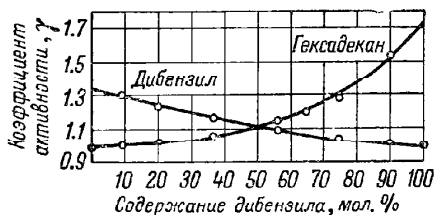
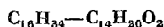
<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>	<i>x</i>	<i>y</i>	<i>t</i>	<i>P</i>
19.0	53.4	179.6	30	19.6	42.4	193.2	50
36.0	60.2	174.2		36.8	59.6	187.8	
65.7	84.4	166.7		64.6	81.3	180.1	
84.4	93.9	162.6		85.1	93.4	176.0	
87.4	95.0	161.9		93.7	94.2	175.2	
18.9	41.1	187.3	40	19.6	50.3	213.8	100
36.4	59.8	181.7		37.0	59.0	208.3	
65.1	82.5	174.0		65.1	82.3	200.5	
84.0	93.9	170.2		85.4	93.5	196.0	
87.8	94.7	169.2		88.9	95.2	195.3	

МЕТИЛЛАУРАТ—МЕТИЛМИРИСТАТ



На основании данных, полученных при $P=4$ мм, установлено, что система полностью подчиняется закону Рауля. Температура кипения метиллаурата при 4 мм равна 114° ; температура кипения метилмиристата при 4 мм равна 141° .




 $P=100 \text{ мм}$

 $P = 100 \text{ мм}$


x	y	t	P	$\lg \frac{\gamma_1}{\gamma_2}$	x	y	t	P	$\lg \frac{\gamma_1}{\gamma_2}$
5.7	42.7	111.1	1.0	-0.208	23.0	40.3	108.2	1.0	0.177
5.7	13.3	111.1		-0.230	27.1	43.9	107.7		0.146
6.5	15.8	111.0		-0.257	31.2	49.1	107.2		0.150
6.8	15.2	110.9		-0.246	32.7	49.2	107.1		0.122
7.3	15.3	110.8		0.186	41.7	53.3	106.4		0.024
7.3	18.9	110.8		-0.298	47.7	58.7	106.0		0.013
8.2	20.9	110.6		0.294	50.0	60.3	105.9		0.002
8.6	18.3	110.5		0.202	58.6	66.2	105.5		-0.040
9.6	18.8	110.3		0.166	64.0	68.6	105.3		-0.090
13.3	29.3	109.6		-0.256	71.2	74.2	105.1		-0.116
13.5	26.8	109.6		0.195	71.9	74.4	105.1		-0.126
16.3	30.2	109.2		0.170	76.0	78.2	105.1		-0.127
17.0	32.0	109.1		0.185	76.7	77.9	105.1		-0.152
18.6	35.1	108.8		0.196	78.4	79.0	105.1		-0.167
21.2	39.1	108.5		0.200	79.4	80.8	105.1		-0.143

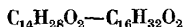
Таблица № 1750 (продолжение)

x	y	t	P	$\lg \frac{Y_1}{Y_2}$	x	y	t	P	$\lg \frac{Y_1}{Y_2}$
81.2	81.3	105.1	1.0	-0.178	47.3	57.1	129.0	3.7	0.012
82.2	82.8	105.1		-0.163	63.1	69.4	128.0		-0.036
84.2	85.0	105.1		-0.155	75.0	77.8	127.5		-0.093
84.7	84.7	105.1		-0.181	76.0	77.9	127.5		-0.114
88.6	90.0	105.2		-0.171	79.8	80.7	127.4		-0.135
88.8	88.6	105.2		-0.189	82.1	82.8	127.4		-0.139
90.0	90.0	105.2		-0.181	84.2	84.6	127.4		-0.148
90.3	90.0	105.2		-0.196	87.3	87.1	127.4		-0.152
90.9	89.6	105.3		-0.245	89.6	89.6	127.4		-0.160
92.5	92.5	105.4		-0.180	93.6	93.6	127.5		-0.160
3.8	8.3	134.1	3.7	0.204	96.8	97.2	127.6		-0.101
3.9	8.1	134.1		0.189	97.3	97.3	127.6		-0.100
9.3	16.9	133.2		0.142	7.6	14.0	164.6	15.0	0.151
13.2	23.8	132.6		0.155	9.5	16.3	164.3		0.121
13.3	24.5	132.6		0.169	11.6	19.7	163.9		0.126
13.4	22.8	132.6		0.124	18.1	28.7	163.0		0.114
13.4	23.4	132.6		0.140	18.6	29.3	162.9		0.112
13.6	22.5	132.6		0.110	19.6	30.1	162.8		0.102
13.6	22.9	132.6		0.120	20.5	32.2	162.7		0.121
13.7	21.4	132.6		0.076	22.2	33.5	162.4		0.100
14.0	25.3	132.5		0.161	28.2	38.3	161.5		0.053
16.7	27.5	132.2		0.120	38.3	48.4	160.4		0.013
17.6	30.5	132.1		0.155	38.5	48.0	160.4		0.024
24.4	37.3	131.2		0.109	40.4	49.3	160.2		0.012
25.0	37.7	131.2		0.100	41.8	49.1	160.0		-0.016
28.6	40.8	130.8		0.078	44.0	53.3	159.8		0.014
29.0	41.6	130.7		0.083	47.0	55.6	159.5		0.002
30.1	41.0	130.5		0.062	48.6	57.7	159.3		0.011
30.3	41.1	130.5		0.049	56.5	63.3	158.4		-0.023
33.5	45.0	130.3		0.054	56.5	63.8	158.4		-0.015
34.1	46.1	130.2		0.060	61.9	68.0	158.0		-0.031
41.8	51.8	129.5		0.017	76.0	78.4	156.7		-0.089
42.4	51.4	129.4		-0.001	80.9	82.3	156.5		-0.108
43.4	52.6	129.3		0.002	88.6	88.8	156.5		-0.140

№ 1751

[780]

МИРИСТИНОВАЯ КИСЛОТА—ПАЛЬМИТИНОВАЯ КИСЛОТА



x	y	t	P	x	y	t	P
0.0	0.0	184.5	2.8	66.2	83.9	171.0	2.8
6.5	16.2	183.1		78.6	89.8	169.5	
16.4	30.8	181.1		84.8	93.1	168.9	
30.0	55.0	177.3		89.5	95.0	167.7	
41.7	64.0	174.8		100.0	100.0	167.2	
49.0	71.5	172.8		0.0	0.0	210.9	10
57.0	77.5	172.3		8.2	18.2	208.3	

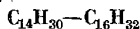
Таблица № 1751 (продолжение)

x	y	t	P	x	y	t	P
17.7	32.0	205.5	10	8.6	17.1	248.4	50
32.2	54.0	202.4		18.6	31.4	245.8	
43.5	65.5	200.4		33.5	54.0	242.0	
49.5	72.0	199.5		44.2	63.0	240.0	
59.0	78.4	197.6		49.0	71.2	239.3	
68.8	83.9	195.5		58.0	76.8	236.9	
79.9	90.0	194.3		69.6	83.8	235.0	
86.0	93.4	193.0		80.3	89.5	233.6	
90.1	95.2	192.6		86.3	92.6	232.3	
100.0	100.0	191.4		90.4	95.0	231.8	
0.0	0.0	251.1	50	100.0	100.0	230.5	

№ 1752

ТЕТРАЦЕКАП—ГЕКСАЦЕЦЕН

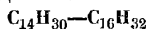
[878]



x	y	t	P	γ_1	γ_2
7.0	19.1	143.8	10	0.968	1.010
14.3	35.0	141.1		0.964	0.997
16.0	38.3	140.6		0.969	0.987
20.7	47.0	138.9		0.988	0.969
23.9	51.7	137.9		0.975	0.963
34.2	63.9	134.7		0.973	0.973
35.8	66.3	134.0		0.978	0.948
39.9	69.5	133.1		0.973	0.973
46.3	75.2	131.5		0.978	0.973
58.3	83.2	127.8		0.984	0.963
69.5	89.6	125.9	20	0.996	0.916
81.5	94.3	123.6		1.002	0.936
11.9	27.2	157.9		0.940	1.000
14.3	32.6	157.1		0.952	0.995
18.5	39.9	155.7		0.959	0.997
28.5	54.3	152.4		0.952	0.999
31.8	59.1	151.3		0.972	0.984
43.1	70.3	148.2		0.967	0.982
54.3	78.9	145.0		0.981	0.972
71.0	88.7	141.3		0.988	0.993
84.8	95.0	138.3	50	1.000	0.978
7.9	17.5	183.3		0.951	1.002
8.6	19.1	182.8		0.967	1.010
13.5	28.7	181.3		0.966	0.987
21.5	41.4	178.7		0.963	0.992
25.5	47.9	177.2		0.983	0.983
35.8	59.9	—		0.977	1.002
41.4	66.3	172.2		0.982	0.983
47.9	71.8	170.2		0.985	1.005
59.1	80.7	167.2		0.996	0.978

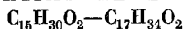
Таблица № 1752 (продолжение)

x	y	t	P	γ_1	γ_2
69.5	87.2	164.6	50	0.998	0.968
76.7	91.1	162.9		0.998	0.967
80.7	92.7	162.2		0.997	0.965
7.8	15.9	203.7	100	0.978	1.002
14.3	27.9	200.8		0.981	0.998
22.3	40.0	198.3		0.972	1.000
27.1	46.4	196.7		0.972	1.007
32.6	53.5	195.0		0.983	1.000
36.6	58.3	193.7		0.983	0.999
42.3	64.7	191.8		0.993	0.998
49.5	71.1	190.0		0.988	0.994
54.3	75.1	188.5		0.992	0.993
56.0	76.0	188.3		0.990	0.997
59.1	78.4	187.2		0.990	0.998
68.7	84.8	185.0		0.988	0.993
77.5	90.3	182.9		1.004	0.945
88.7	95.1	180.6		0.999	1.017
7.0	13.5	224.4	200	1.012	1.005
14.3	26.2	222.2		1.018	1.001
23.0	39.0	219.4		1.021	1.002
30.3	47.9	217.2		1.030	1.007
37.4	55.9	215.2		0.994	1.023
47.9	67.1	212.4		1.008	1.010
51.7	70.3	211.3		1.020	1.017
63.9	79.9	208.7		1.003	1.002
73.5	86.3	206.7		1.008	1.000
84.0	91.8	204.4		0.998	1.063
6.2	11.1	248.5	400	1.022	1.005
12.7	21.5	245.7		1.017	1.000
17.5	28.7	245.0		1.015	1.004
33.5	49.6	240.3		1.024	1.009
46.3	62.9	238.1		1.012	1.015
50.3	67.1	235.9		1.015	1.002
54.3	70.3	235.0		1.011	1.008
62.9	76.7	232.9		1.004	1.029
72.8	84.0	230.6		1.012	1.040
80.0	88.6	229.4		1.015	1.038
89.9	90.9	228.6		1.002	1.058
9.5	15.9	271.8	760	1.047	0.996
20.7	31.8	268.5		1.034	1.015
30.3	43.1	265.7		1.046	1.022
35.8	49.4	264.4		1.021	1.024
54.3	67.9	260.0		1.022	1.048
62.2	74.3	258.3		1.015	1.047
67.9	79.0	257.2		1.020	1.034
75.1	83.9	255.8		1.010	1.070
86.3	91.2	253.9		0.999	1.122



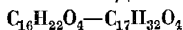
x	y	t	P	γ_1	γ_2
5.8	11.4	229.0	200	0.954	0.980
15.2	27.3	226.2		0.940	0.969
28.4	45.8	222.2		0.943	0.964
41.1	61.6	218.3		0.973	0.938
50.2	70.1	215.5		0.981	0.945
56.1	75.5	213.6		0.997	0.930
65.8	82.4	210.3		1.014	0.953
80.9	91.7	207.0		1.012	0.905
94.7	98.0	204.1		1.010	0.867

МЕТИЛМИРИСТАТ—МЕТИЛПАЛЬМИТАТ

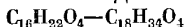


x	y	t	P	x	y	t	P
34.6	57.1	200.6	30	—	54.3	215.0	50
49.2	70.5	196.8		48.8	71.0	211.0	
49.6	73.4	196.7		49.2	69.6	210.9	
76.7	89.4	190.8		73.1	83.4	205.3	
34.4	58.5	208.3	40	35.9	56.5	235.8	100
48.6	72.9	204.6		48.8	70.9	232.4	
49.2	71.0	204.4		49.6	72.8	232.1	
74.0	87.3	198.9		75.0	87.6	226.1	

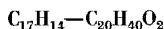
ДИБУТИЛФТАЛАТ—ДИБУТИЛАКРЕЛАТ



x	y	t	P	x	y	t	P
0.00	0.0	Нет данных	1.0	65.02	69.7	Нет данных	1.0
4.90	7.1			74.96	78.5		
15.22	19.5			84.89	87.0		
25.22	30.8			89.93	91.3		
35.03	40.9			95.12	95.7		
44.99	50.8			100.00	100.0		
55.03	60.6						



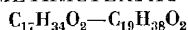
x	y	t	P	x	y	t	P
6.5	14.3	162.6	1	51.4	71.6	154.3	1
13.6	28.1	161.5		61.1	78.8	153.2	
13.8	27.9	161.4		69.8	84.2	152.4	
21.1	38.8	159.4		74.0	86.7	151.8	
27.6	47.7	158.1		75.0	87.4	151.1	
29.3	49.6	158.4		86.4	93.8	151.0	
36.6	58.2	156.6		88.8	94.7	150.0	
50.5	71.2	155.1		89.4	95.0	150.4	



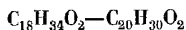
x	y	t	P	γ_1	γ_2
0.00	0.0	140	0.249	—	1.00
25.25	52.1		0.393	1.08	1.01
49.18	71.2		0.467	1.13	1.05
74.83	85.2		0.555	1.04	1.17
100.00	100.0		0.597	1.00	—

МЕТИЛПАЛЬМИТАТ—

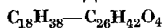
МЕТИЛСТЕАРАТ



x	y	t	P
33.8	58.3	224.7	30
37.6	57.2	223.9	

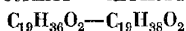


x	y	t	P	x	y	t	P
13.2	35.4	219	1	49.5	81.6	198	3
17.9	47.2	215		67.6	88.8	192	
22.0	58.2	212		78.6	91.3	190	
30.3	70.8	206		84.3	93.8	188	
35.3	75.5	198		92.7	97.8	186	



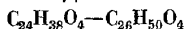
x	y	t	P	V_1	V_2
0.00	0.0	140	0.006	—	
25.38	100.0		0.486	1.04	
50.65	100.0		0.995	1.07	
74.97	100.0		1.32	0.97	
100.00	100.0		1.83	1.00	

МЕТИЛОЛЕАТ—МЕТИЛСТЕАРАТ

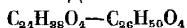


x	y	t	P
10	10.71	199	Нет данных
20	21.53		
30	32.33		
40	43.03		
50	53.50		
60	63.69		
70	73.49		
80	82.85		
90	91.69		

ДИОКТИЛФТАЛАТ—ДИ-2-ЭТИЛГЕКСИЛСЕБАЦАТ

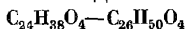


x	y	t	P	x	y	t	P
4.2	5.6	Нет данных	0.1	54.2	58.5	Нет данных	0.1
8.5	10.6			58.2	62.8		
12.4	15.1			58.5	63.1		
14.5	17.7			64.3	68.5		
18.8	22.1			69.5	72.8		
21.8	26.0			71.1	74.8		
24.3	28.2			72.8	75.8		
27.0	31.2			76.3	79.4		
30.7	34.7			76.6	79.7		
33.0	38.0			79.7	82.3		
34.4	39.0			81.2	83.9		
30.6	44.3			84.2	86.7		
40.8	45.7			90.0	91.5		
44.3	48.8			94.7	95.7		
46.4	51.0			96.0	96.8		
52.6	57.2			96.8	97.3		
53.5	58.0			97.6	98.0		



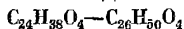
x	y	t	P	x	y	t	P
9.7	14.8	100.7	0.1—1.0	59.4	65.1	140.7	0.1—1.0
18.9	25.6			79.7	82.7		
40.4	49.3			95.4	95.9		
59.4	67.0			9.7	12.8	151.0	
79.7	83.9			18.9	23.6		
95.4	96.2			40.4	46.0		
9.7	14.4	110.8		59.4	64.5		
18.9	25.8			79.7	82.3		
40.4	48.7			95.4	95.8		
59.4	66.7			9.7	12.6	161.5	
79.7	83.7			18.9	23.3		
95.4	96.2			40.4	45.6		
9.7	13.8	120.9		59.4	64.0		
18.9	25.0			79.7	82.2		
40.4	48.1			95.4	95.8		
59.4	65.9			9.7	12.3	171.9	
79.7	83.3			18.9	22.9		
95.4	96.1			40.4	45.5		
9.7	13.6	130.9		59.4	63.7		
18.9	24.4			79.7	82.0		
40.4	47.1			95.4	95.7		
59.4	65.7			9.7	12.1	182.3	
79.7	83.0			18.9	22.6		
95.4	96.0			40.4	45.1		
9.7	13.1	140.7		59.4	63.3		
18.9	23.9			79.7	81.8		
40.4	46.6			95.4	95.8		

ДИ-2-ЭТИЛГЕКСИЛФТАЛАТ—ДИ-2-ЭТИЛГЕКСИЛСЕБАЦАТ



x	y	t	P	x	y	t	P
4.5	12.7	Нет данных	0.1	48.8	73.3	Нет данных	0.1
9.7	23.7			53.2	76.7		
13.2	30.0			55.7	78.0		
14.5	34.0			58.0	79.2		
22.0	44.8			64.2	82.9		
22.9	46.8			74.7	88.8		
27.4	52.8			78.5	91.5		
33.5	60.3			81.9	93.0		
38.7	64.8			87.2	94.7		
39.6	65.0			94.5	97.5		
45.5	70.1			94.7	97.8		
46.5	71.7						

ДИ-2-ЭТИЛГЕРСИЛФТАЛАТ—ДИ-2-ЭТИЛГЕРСИЛСЕБАЦАТ



x	y	t	P	x	y	t	P
20.0	59.5	90.5	0.1—1.0	69.7	89.8	130.9	0.1—1.0
36.9	78.1			79.8	93.7		
69.7	93.5			88.4	96.6		
88.4	97.8			11.3	30.5	140.7	
29.4	69.6	100.7		20.0	46.5		
36.9	76.6			29.4	58.9		
47.4	83.3			36.9	67.3		
57.8	88.0			47.4	76.3		
69.7	92.5			57.8	82.5		
79.8	95.7			69.7	88.9		
88.4	97.6			79.8	93.1		
11.3	38.0	110.8		88.4	96.1		
20.0	55.3			11.3	27.3	151.0	
29.4	67.0			20.0	42.9		
36.9	74.8			29.4	55.8		
47.4	82.1			36.9	64.4		
57.8	86.8			47.4	73.5		
69.7	91.6			57.8	80.8		
79.8	94.9			69.7	87.7		
88.4	97.3			79.8	92.3		
11.3	35.8	120.9		88.4	95.9		
20.0	52.2			11.3	24.9	161.5	
29.4	64.6			20.0	40.6		
36.9	72.5			29.4	53.0		
47.4	79.8			36.9	62.2		
57.8	85.8			47.4	71.7		
69.7	90.9			57.8	79.6		
79.8	94.4			69.7	86.8		
88.4	96.6			79.8	91.8		
11.3	33.2	130.9		88.4	95.4		
20.0	49.3			11.3	24.0	171.9	
29.4	61.8			20.0	39.2		
36.9	70.2			29.4	51.1		
47.4	77.8			36.9	60.0		
57.8	84.1			47.4	69.3		

ДАННЫЕ О РАВНОВЕСИИ МЕЖДУ ЖИДКОСТЬЮ И ПАРОМ В ТРЕХКОМПОНЕНТНЫХ СИСТЕМАХ

№ 1766

ВОДОРОД—АЗОТ—ОКИСЬ УГЛЕРОДА

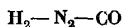
[1052]

H_2-N_2-CO

Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
водород	азот	окись углерода	водород	азот	окись углерода		
5.0	84.0	11.0	0.5	2.0	97.5	—205.0	30
5.0	75.0	20.0	0.5	1.8	97.7		
5.0	9.0	86.0	2.5	0.4	97.1		
6.0	65.0	29.0	1.0	1.6	97.4		
6.5	18.0	75.5	2.5	0.6	96.9		
7.0	47.0	46.0	1.5	1.2	97.3		
7.0	56.0	37.0	1.0	1.4	97.6	—205.0	90
7.5	37.0	55.5	2.0	1.0	97.0		
7.5	28.0	64.5	2.0	0.8	97.2		
13.0	10.0	77.0	97.0	0.5	2.5		
14.5	19.0	66.5	97.0	1.0	2.0		
15.0	28.0	57.0	97.0	1.5	1.5		
15.0	35.0	50.0	96.5	2.0	1.5		
15.0	43.0	42.0	96.5	2.5	1.0		
15.0	52.0	33.0	96.5	3.0	0.5		
15.0	60.0	25.0	96.5	3.0	0.5		
15.0	68.0	17.0	96.0	3.5	0.5		
15.0	76.0	9.0	96.0	3.5	0.5		
18.0	8.0	74.0	95.0	0.5	4.5	—205.0	150
19.0	16.0	65.0	94.5	1.2	4.3		
20.0	24.0	56.0	94.5	1.9	3.6		
21.0	32.0	47.0	94.0	2.6	3.4		
21.5	39.0	39.5	94.0	3.3	2.7		
21.5	47.0	31.5	93.5	4.0	2.5		
21.5	52.0	26.5	93.0	4.7	2.3		
21.5	58.0	20.5	93.5	5.4	1.1		
21.5	64.0	14.5	92.5	6.2	1.3		
21.5	71.0	7.5	92.5	7.0	0.5		
6.0	84.0	10.0	94.5	5.5	0	—195.0	30
6.0	75.0	19.0	94.5	5.5	0		

Таблица № 1766 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	азот	окись углерода	водород	азот	окись углерода		
7.0	64.0	29.0	95.0	5.0	0	—195.0	30
7.5	56.0	36.5	95.0	4.5	0.5		
8.0	47.0	45.0	95.0	4.0	1.0		
8.5	37.0	54.5	95.5	3.0	1.5		
8.5	18.0	73.5	96.0	1.0	3.0		
9.0	28.0	63.0	95.5	2.0	2.5		
17.5	9.0	73.5	94.0	1.0	5.0	—195.0	90
18.5	16.0	65.5	94.0	2.0	4.0		
19.0	23.0	52.0	94.0	3.0	3.0		
19.5	32.0	48.5	93.5	4.0	2.5		
19.5	40.0	40.5	93.5	5.0	1.5		
19.5	47.0	33.5	93.5	5.0	1.5		
19.5	54.0	26.5	93.0	6.7	0.3		
19.5	63.0	17.5	92.5	7.0	0.5		
19.5	72.0	8.5	92.0	7.5	0.5		
27.0	8.0	65.0	90.0	1.0	9.0	—195.0	150
29.0	15.0	56.0	89.0	2.0	9.0		
30.0	22.0	48.0	87.5	3.0	9.5		
31.0	28.0	41.0	87.0	5.0	8.0		
32.0	40.0	28.0	86.0	9.0	5.0		
32.5	46.5	21.0	85.5	10.0	4.5		
33.0	53.0	14.0	85.0	12.0	3.0		
34.0	59.0	7.0	84.0	15.0	1.0		
6.0	85.0	9.0	84.0	14.5	1.5	—185.0	30
6.5	75.5	18.0	84.5	12.5	3.0		
7.0	65.5	27.5	85.0	10.5	4.5		
7.5	55.5	37.0	85.5	8.5	6.0		
8.0	46.0	46.0	86.0	7.0	7.0		
8.5	8.5	83.0	88.0	1.0	11.0		
8.5	37.5	54.0	86.5	5.5	8.0		
9.5	28.0	62.5	87.0	4.0	9.0		
9.5	18.5	72.0	87.5	2.5	10.0		
21.5	7.5	71.0	88.0	1.0	11.0	—185.0	90
22.0	16.0	62.0	87.5	2.5	10.0		
22.5	22.5	55.0	87.0	4.0	9.0		
23.0	30.0	47.0	86.5	5.5	8.0		
23.5	38.5	38.0	86.0	7.0	7.0		
23.5	46.5	30.0	86.0	8.0	6.0		
23.5	53.5	23.0	85.0	10.0	5.0		
23.5	61.5	15.0	84.5	12.5	3.0		
23.5	69.0	7.5	84.0	14.5	1.5		
26.0	27.0	47.0	70.0	15.0	15.0	—185.0	150
34.0	23.0	43.0	73.0	14.0	13.0		
37.0	0.0	57.0	80.0	1.5	18.5		
39.0	12.0	49.0	78.0	4.0	18.0		
41.0	17.0	42.0	76.0	7.0	17.0		
53.0	28.0	19.0	66.0	20.0	14.0		



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	азот	окись углерода	водород	азот	окись углерода		
2.0	40.0	58.0	87.0	6.0	7.0	-195.16	12
2.0	21.0	78.0	88.0	4.5	10.5		
3.0	77.0	20.0	84.0	15.0	1.0		
3.0	68.0	29.0	86.0	13.0	1.0		
3.0	60.0	37.0	86.5	12.0	1.5		
6.0	40.0	54.0	91.0	4.0	5.0		20
6.0	25.0	69.0	91.0	2.0	7.0		
6.0	20.0	74.0	91.0	2.0	7.0		
7.0	74.0	19.0	88.0	11.0	1.0		
7.0	62.0	31.0	90.0	7.0	3.0		
7.0	64.0	29.0	81.5	6.5	12.0	-190.16	26
7.0	40.0	53.0	83.0	4.0	13.0		
7.0	22.0	71.0	83.5	2.0	14.5		
8.0	75.0	17.0	80.0	10.0	10.0		
8.0	41.0	52.0	92.0	3.0	5.0		35
8.0	20.5	71.5	92.5	2.0	5.5		
9.0	76.0	15.0	90.0	9.0	1.0	-190.16	50
9.0	64.0	27.0	90.5	7.5	2.0		
11.0	75.0	14.0	82.0	7.0	11.0		
11.0	61.0	28.0	82.0	6.5	11.5		
11.0	38.0	51.0	83.0	4.5	12.5		
11.0	19.0	70.0	83.5	2.0	14.5		
3.0	76.0	21.0	82.0	17.0	1.0	-190.16	12
3.0	61.0	36.0	85.0	13.0	2.0		
3.0	42.0	55.0	86.0	9.0	5.0		
3.0	18.0	79.0	87.0	4.0	9.0		
3.0	64.0	33.0	88.0	9.5	2.5		20
3.0	38.0	59.0	89.0	7.5	3.5		
3.0	29.0	68.0	90.0	3.5	6.5		
4.0	22.0	74.0	90.0	2.0	8.0		
4.0	77.0	19.0	87.5	11.5	1.0		26
7.0	38.0	55.0	90.0	7.0	3.0		
7.0	29.0	64.0	91.9	3.0	5.1	-183.16	35
7.0	22.0	71.0	92.0	2.0	6.0		
7.5	76.0	16.5	88.0	11.0	1.0		
7.5	64.0	28.5	89.0	8.5	2.5		
9.5	74.0	16.5	79.0	10.0	11.0		50
9.5	63.0	27.5	79.5	8.0	12.5		
9.5	39.0	51.5	80.0	3.0	17.0		
9.5	21.0	69.5	80.5	1.5	18.0		
10.0	20.0	70.0	90.5	2.0	7.5		12
10.5	39.0	50.5	89.0	4.0	7.0		
11.0	61.0	28.0	89.5	8.0	2.5		
12.0	72.0	16.0	89.5	10.0	0.5		
5.0	69.0	26.0	67.0	29.5	3.5		
5.0	52.5	42.5	71.0	20.0	9.0		
5.0	47.0	48.0	72.0	18.0	10.0		

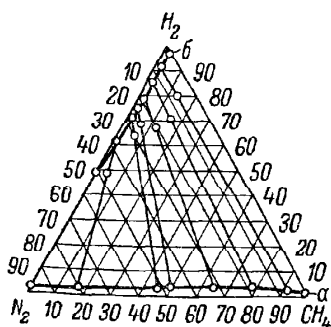
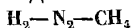
Примечание. Данные рассчитаны по графику, приведенному в статье.

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	азот	окись углерода	водород	азот	окись углерода		
5.0	30.0	65.0	73.0	12.0	15.0	-183.16	12
7.0	73.0	20.0	74.0	23.0	3.0		20
7.0	54.0	39.0	78.5	16.0	5.5		
7.0	47.0	46.0	79.0	15.0	6.0		
7.0	33.0	60.0	80.0	9.0	11.0		
7.0	20.0	73.0	80.5	4.5	15.0	26	
8.0	22.0	70.0	83.0	4.0	13.0		
9.0	73.0	18.0	78.0	19.5	2.5		
9.0	53.0	38.0	80.0	13.0	7.0		
9.0	47.0	44.0	80.5	12.0	7.5		
9.0	34.0	57.0	82.0	7.0	11.0	35	
10.0	75.0	15.0	80.0	18.0	2.0		
10.0	60.0	30.0	80.5	15.5	4.0		
10.0	54.0	36.0	80.5	12.0	7.5		
10.0	45.0	45.0	81.0	11.0	8.0		
10.0	33.0	57.0	83.0	7.0	10.0	50	
10.0	21.0	69.0	84.0	3.0	13.0		
12.0	51.0	37.0	83.0	11.0	6.0		
12.0	48.0	40.0	83.5	10.0	6.5		
12.0	32.0	36.0	84.0	7.0	9.0		
12.0	21.0	67.0	87.0	3.0	7.0		
13.0	73.0	14.0	82.0	16.0	2.0		

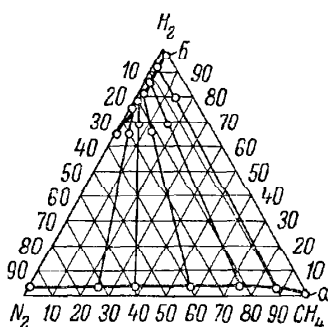
№ 1768

ВОДОРОД—АЗОТ—МЕТАН

[301]

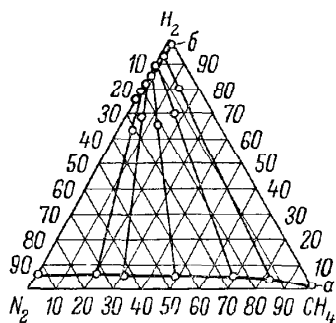


t = -183°; P = 10.0 ата.

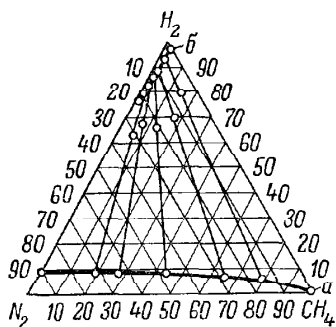


t = -183°; P = 15.3 ата.

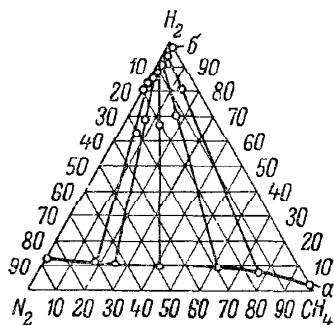
На графиках: а — состав жидкости, мол. %; б — состав пара, мол. %. Прямые соединяющие точки на линиях а и б, являются коннодами. Промежуточные точки на коннодах изображают состав исходных смесей, применявшихся в опытах.



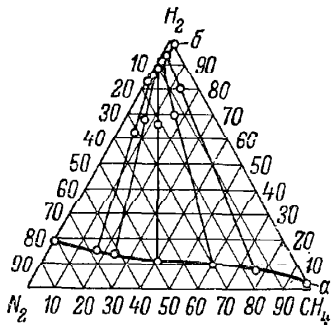
$t = -183^\circ$; $P = 24.5$ atm.



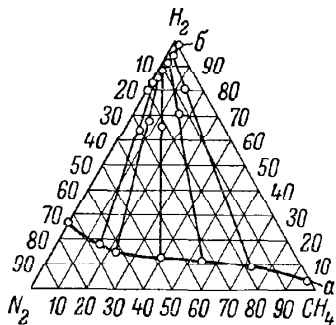
$t = -183^\circ$; $P = 34.5$ atm.



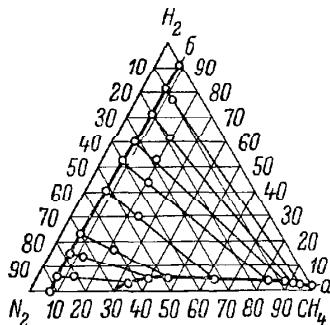
$t = -183^\circ$; $P = 49.0$ atm.



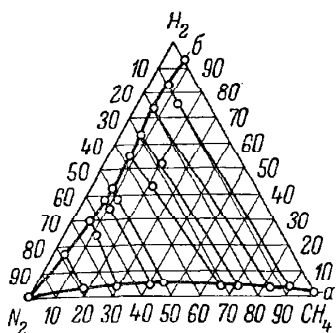
$t = -183^\circ$; $P = 69.0$ atm.



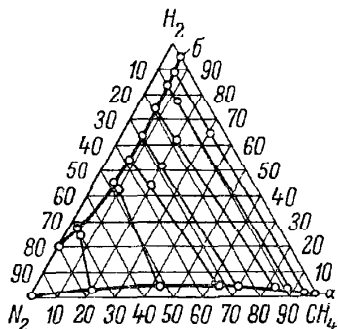
$t = -183^\circ$; $P = 89.2$ atm.



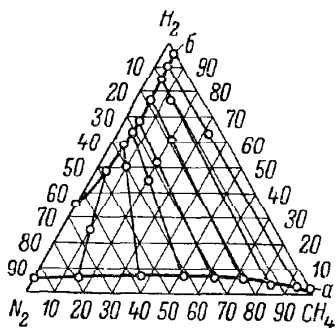
$t = -165.3^\circ$; $P = 10.0$ atm.



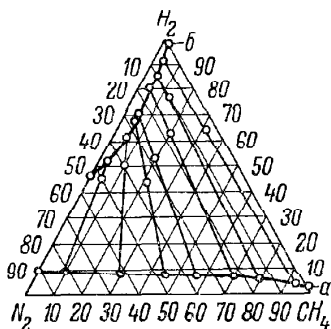
$t = -165.3^\circ$; $P = 13.0$ ata.



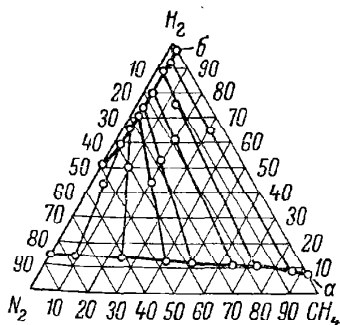
$t = -165.3^\circ$; $P = 15.3$ ata.



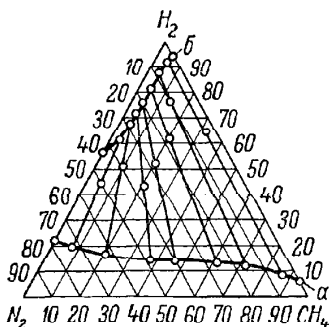
$t = 165.3^\circ$; $P = 24.5$ ata.



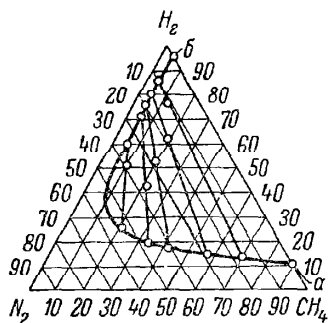
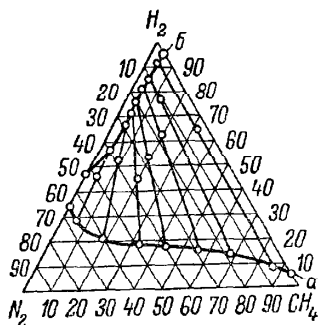
$t = -165.3^\circ$; $P = 34.5$ ata.



$t = -165.3^\circ$; $P = 49.0$ ata.



$t = -165.3^\circ$; $P = 69.0$ ata.



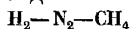
$t = -165.3^\circ$; $P = 89.2$ ата.

$t = -165.3$; $P = 100$ ата.

№ 1769

ВОДОРОД—АЗОТ—МЕТАН

[458]

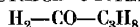


Состав жидкости, мол. %			Состав пара, мол. %			t	P , ата
водород	азот	метан	водород	азот	метан		
3.43	0.00	96.57	63.92	0.00	36.08	—73.3	34.0
2.86	9.98	87.16	43.37	21.91	34.72		
1.55	27.39	71.06	16.77	50.80	32.43		
0.30	41.76	57.94	2.36	67.93	29.71		
0.00	49.00	51.00	0.00	73.00	27.00		
0.00	50.90	49.10	0.00	75.20	24.80	—128.9	68.0
7.81	0.00	92.19	76.18	0.00	23.82		
8.32	0.00	91.68	76.01	0.00	23.99		
8.26	6.17	85.57	67.35	8.38	24.27		
8.49	17.91	73.60	50.02	23.77	26.21		
9.15	37.33	53.52	31.30	42.91	25.79		
9.32	39.12	51.56	30.05	44.13	25.82		
9.26	41.37	49.37	27.58	46.37	26.05		

№ 1770

ВОДОРОД—ОКИСЬ УГЛЕРОДА—ПРОПАН

[15]



Состав жидкости, мол. %			Состав пара, мол. %			t	P , ата
водород	окись углерода	пропан	водород	окись углерода	пропан		
0.40	1.72	97.88	42.2	43.2	14.6	—25	15
0.83	3.05	96.12	44.6	44.8	10.5		25
1.90	6.10	92.00	46.1	47.0	6.85		50
2.98	8.95	88.07	46.4	47.6	6.02		75

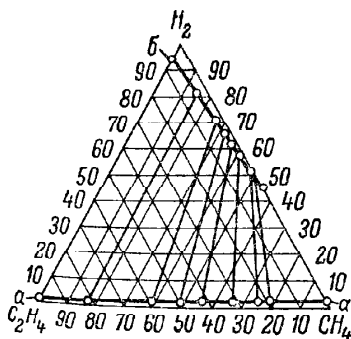
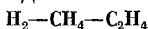
Таблица № 1770 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	окись углерода	пропан	водород	окись углерода	пропан		
4.09	11.61	84.30	46.5	48.9	5.55	-25	100
5.03	14.2	80.77	46.5	48.2	5.30		125
6.41	15.9	77.69	46.5	48.3	5.25		150
7.43	17.8	74.77	46.4	48.2	5.45		175
8.35	19.2	72.45	46.1	48.1	5.80		200
0.45	1.35	98.20	28.8	35.5	35.3	0	15
0.97	2.58	96.45	36.2	40.6	23.3		25
2.24	5.54	92.25	41.1	43.2	15.7		50
3.65	8.25	88.10	42.8	44.8	12.4		75
4.81	11.0	84.19	43.5	45.3	11.2		100
6.25	13.4	80.35	44.0	45.0	11.0	25	125
7.80	15.4	76.80	44.4	44.7	10.9		150
9.47	16.9	73.63	44.7	44.1	11.2		175
11.40	17.9	70.70	44.9	43.5	11.6		200
0.29	0.71	99.00	13.9	19.2	67.0		15
0.81	1.94	97.25	26.1	30.1	43.8		25
2.14	5.06	92.80	35.1	37.3	27.6		50
3.53	7.93	88.54	37.2	39.7	23.1		75
5.08	10.7	84.22	38.1	40.7	21.2		100
6.67	13.2	80.13	39.1	41.1	19.8		125
8.49	15.4	76.11	39.7	40.9	19.4		150
10.4	17.4	72.2	39.8	40.4	19.8		175
12.5	19.6	67.9	39.5	39.7	20.8		200

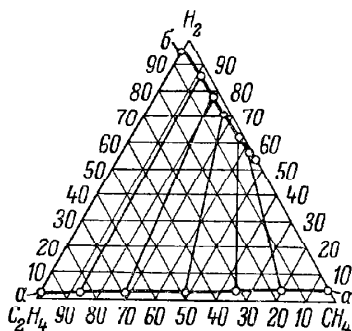
№ 1771

ВОДОРОД—МЕТАН—ЭТИЛЕН

[147]

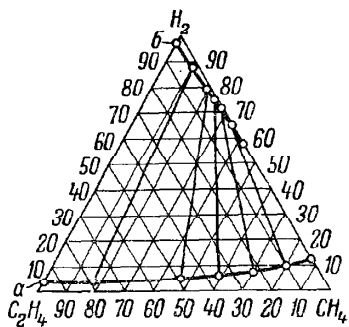


t = -115°; P = 30 ата

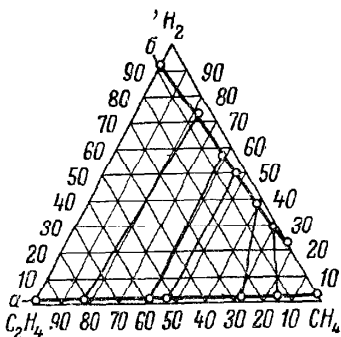


t = -115°; P = 40 ата

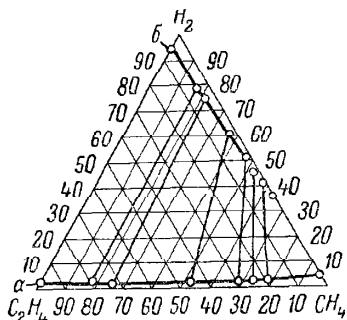
На графиках: а — состав жидкости (в мол. %), представляющей собой насыщенные растворы водорода в смесях метана и этилена; б — состав пара (в мол. %). Прямые, соединяющие точки на линиях а и б, являются коннодами.



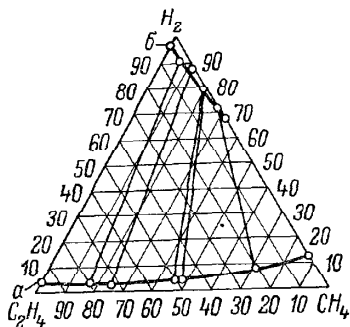
$t = -115^{\circ}; P = 80 \text{ atm.}$



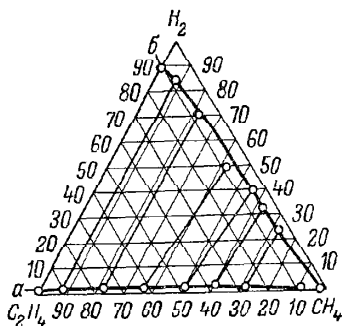
$t = -105^{\circ}; P = 30 \text{ atm.}$



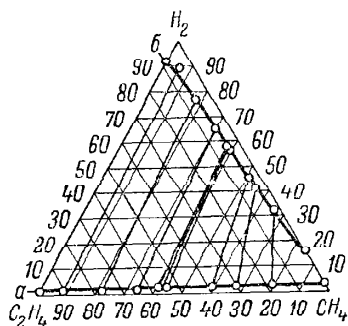
$t = -105^{\circ}; P = 40 \text{ atm.}$



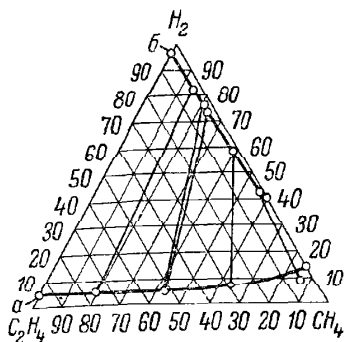
$t = -105^{\circ}; P = 80 \text{ atm.}$



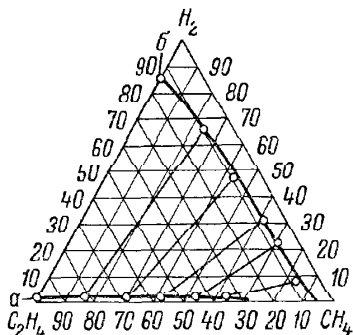
$t = -95^{\circ}; P = 30 \text{ atm.}$



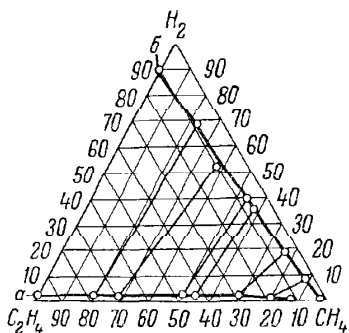
$t = -95^{\circ}; P = 40 \text{ atm.}$



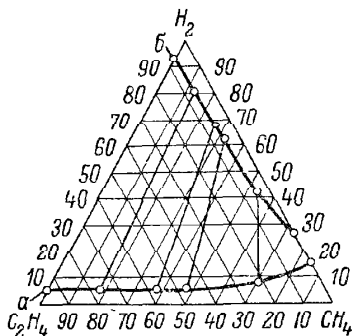
$t = -95^{\circ}; P = 80 \text{ атм.}$



$t = -85^{\circ}; P = 30 \text{ атм.}$



$t = -85^{\circ}; P = 40 \text{ атм.}$



$t = -85^{\circ}; P = 80 \text{ атм.}$

№ 1772

ВОДОРОД—МЕТАН—ЭТАН

[137]



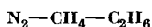
Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
водород	метан	этан	водород	метан	этан		
1.2	0.0	98.8	92.3	0.0	7.7	-85	30
0.4	16.0	83.6	73.7	20.0	6.3		
0.2	21.0	78.8	66.6	27.6	5.8		
0.2	31.0	68.8	—	—	—		
0.3	31.0	68.7	50.3	44.5	5.2		
0.3	33.4	66.3	48.6	45.5	5.9		
0.2	44.0	55.8	39.0	56.0	5.0		

Таблица № 1772 (продолжение)

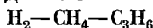
Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	метан	этан	водород	метан	этан		
0.2	45.0	54.8	36.7	58.0	5.3	—85	30
0.1	54.0	45.9	24.0	70.5	5.5		
0.1	55.0	44.9	23.7	71.0	5.3		
0.1	70.1	29.8	3.6	92.0	4.4		
0.0	72.0	28.0	0.0	96.0	4.0		
1.6	0.0	98.4	93.3	0.0	6.7		
0.6	22.0	77.4	73.0	22.5	4.5		40
0.8	22.5	76.7	72.5	23.0	4.5		
0.4	40.8	58.8	54.0	42.6	3.4		
0.5	40.6	58.9	54.5	41.8	3.7		
0.2	55.8	44.0	39.0	57.7	3.3		
0.1	78.0	21.9	15.0	81.5	3.5		
0.0	88.0	12.0	0.0	98.0	2.0		
3.3	0.0	96.7	95.5	0.0	4.5		80
3.5	10.0	86.5	86.4	9.3	4.3		
3.8	19.0	77.2	80.0	16.0	4.0		
4.0	25.4	70.6	72.2	22.9	4.9		
4.5	45.8	49.7	53.0	42.2	4.8		
5.5	61.8	32.7	41.0	57.5	1.5		
5.5	62.0	32.5	40.2	57.8	2.0		
5.6	69.8	24.6	37.0	62.0	1.0		
9.0	78.8	12.2	29.6	69.1	1.3		
14.7	85.4	0.0	25.2	74.8	0.0	—95	30
0.9	0.0	99.1	94.2	0.0	5.8		
0.4	19.9	79.7	74.0	22.0	4.0		
0.5	27.7	71.8	65.0	30.0	5.0		
0.8	27.4	71.8	—	—	—		
0.5	46.0	53.5	48.1	48.3	3.6		
0.5	45.8	53.7	—	—	—		
0.2	58.6	41.2	35.0	61.4	3.6		
0.2	62.6	37.2	31.0	66.0	3.0		
0.2	74.0	25.8	20.0	78.0	2.0		
0.2	74.5	25.3	19.0	79.0	2.0		
0.0	89.0	11.0	0.0	99.0	1.0		
1.3	0.0	98.7	94.9	0.0	5.1		40
1.2	16.3	82.5	81.0	14.0	5.0		
1.2	37.0	61.8	63.5	32.0	4.5		
1.8	42.2	56.0	60.3	34.8	4.9		
1.2	47.4	51.4	58.0	38.5	3.5		
1.4	62.5	36.1	48.0	50.5	1.5		
2.0	73.5	24.5	38.0	60.0	2.0		
2.6	97.4	0.0	17.0	83.0	0.0		
2.6	0.0	97.4	96.6	0.0	3.4		80
2.8	11.6	85.6	86.6	10.4	3.0		
4.0	32.2	63.8	71.0	26.0	3.0		
4.1	47.8	48.1	60.0	37.5	2.5		
5.9	65.0	29.1	52.0	46.6	1.4		
5.1	64.5	30.4	52.0	46.0	2.0		
5.0	66.7	28.3	50.1	48.5	1.4		
10.0	80.6	9.4	41.0	58.2	0.8		

Таблица № 1772 (продолжение)

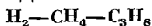
Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	метан	этан	водород	метан	этан		
14.3	85.7	0.0	38.6	61.4	0.0	— 95	80
0.6	0.0	99.4	95.7	0.0	4.3	—105	30
1.9	20.6	77.5	81.0	14.5	4.5		
1.7	31.8	66.5	73.0	24.4	2.6		
1.4	32.5	66.1	72.6	24.5	2.9		
1.9	41.0	57.1	66.0	30.8	3.2		
1.5	65.0	33.5	48.5	48.0	3.5		
2.0	81.0	17.0	36.4	60.5	3.1		
1.9	98.1	0.0	21.2	78.8	0.0		
0.9	0.0	99.1	96.2	0.0	3.8		40
1.2	16.3	82.5	84.0	12.0	4.0		
2.4	46.3	51.3	61.0	36.0	3.0		
3.5	56.4	40.1	55.5	41.8	2.7		
3.0	67.6	29.4	48.0	49.9	2.1		
3.2	68.0	28.8	48.0	50.1	1.9		
3.0	72.0	25.0	46.0	52.0	2.0		
4.1	82.0	13.9	44.2	54.8	1.0		
3.0	86.6	10.4	37.3	61.7	1.0		
4.0	96.0	0.0	33.3	66.7	0.0		
1.9	0.0	98.1	97.8	0.0	2.2		80
3.0	17.8	79.2	93.0	5.0	2.0		
4.0	29.5	66.5	86.0	12.6	1.4		
4.3	45.6	60.1	74.0	25.6	0.4		
4.7	65.3	30.0	68.0	31.0	1.0		
6.0	75.0	19.0	64.0	35.0	1.0		
9.0	82.0	9.0	61.5	37.5	1.0		
9.0	83.0	8.0	61.0	38.0	1.0		
11.9	88.1	0.0	57.7	42.3	0.0		
0.5	0.0	99.5	97.2	0.0	2.8	—115	30
1.0	21.0	78.0	87.0	11.4	1.6		
2.0	36.3	61.7	75.0	23.2	1.8		
2.5	59.1	38.4	60.6	37.7	1.7		
1.6	75.0	23.4	52.8	46.0	1.2		
2.6	97.4	0.0	43.8	56.2	0.0		
0.6	0.0	99.4	97.6	0.0	2.4		40
1.0	10.3	82.7	92.8	4.7	2.5		
2.5	34.8	62.7	83.7	13.6	2.7		
2.8	52.4	44.8	76.0	21.6	2.4		
2.8	73.1	24.1	66.5	32.8	0.7		
3.1	73.0	23.9	66.0	33.0	1.0		
4.9	76.0	19.1	60.2	38.1	1.7		
4.3	95.7	0.0	52.7	47.3	0.0		
1.3	0.0	98.7	98.8	0.0	1.2		80
2.5	15.0	82.5	93.5	6.0	0.5		
4.0	36.0	60.0	85.0	13.2	1.8		
5.0	54.0	41.0	78.7	19.3	2.0		
5.9	67.0	27.1	73.0	23.6	3.4		
10.0	79.0	11.0	72.0	27.0	1.0		
11.3	88.7	0.0	67.8	32.2	0.0		



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
азот	метан	этан	азот	метан	этан		
9.56	0.00	90.44	89.22	0.00	10.78	-73.3	34.0
7.15	19.89	72.96	60.29	29.79	9.92		
0.00	66.00	34.00	0.00	93.00	7.00		
21.29	0.00	78.71	90.55	0.00	9.45		
20.64	15.64	63.72	74.60	16.42	8.98		
17.52	56.12	26.36	34.35	56.08	9.57	-128.9	34.0
18.26	0.00	81.74	99.23	0.00	0.766		
24.03	25.25	50.72	88.10	11.31	0.593		
35.06	44.99	19.95	79.75	19.79	0.463		
49.00	51.00	0.00	73.00	27.00	0.00		
50.90	49.10	0.00	75.20	24.80	0.00		



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
водород	метан	пропилен	водород	метан	пропилен		
0.73	51.26	48.01	14.93	83.37	1.70	-73.3	34.0
0.99	41.15	57.86	29.33	69.09	1.58		
1.36	0.00	98.64	98.72	0.00	1.28		



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
водород	метан	пропан	водород	метан	пропан		
0.15	25.83	74.02	3.98	84.08	11.94	-17.8	34.0
0.33	23.57	76.10	8.31	80.26	11.43		
0.72	20.98	78.30	13.96	73.29	12.75		
0.91	16.13	82.96	27.90	60.70	11.40		
1.13	13.67	85.20	37.26	52.08	10.66		
1.31	11.72	86.97	45.76	43.37	10.87	-73.3	
1.00	7.97	91.03	58.75	31.66	9.59		
2.30	0.00	97.70	90.70	0.00	9.30		
0.00	62.00	38.00	0.00	98.70	1.30		
0.45	49.58	49.97	14.36	84.43	1.21		
0.65	44.99	54.36	22.13	76.73	1.14		

Таблица № 1775 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	Р. ата
водород	метан	пропан	водород	метан	пропан		
0.68	42.38	56.94	24.57	74.21	1.22	—73.3	34.0
1.09	24.93	73.98	59.80	39.25	0.95		
1.22	24.40	77.38	68.72	30.46	0.82		
1.16	16.07	82.77	67.83	31.04	1.13		
1.55	0.00	98.45	99.02	0.00	0.98		
0.86	0.00	99.14	>99.9	0.00	—	—128.9	
0.79	8.59	90.62	95.73	3.79	0.48		
1.79	43.67	54.54	83.40	15.92	0.68		
2.85	87.07	10.08	—	—	—		
3.43	96.57	0.00	63.92	36.08	0.00		
0.00	53.00	47.00	0.00	90.30	9.70	—17.8	68.0
2.02	32.77	65.21	25.54	66.09	8.37		
2.67	25.70	71.63	45.49	47.77	6.74		
2.75	24.30	72.95	46.89	45.78	7.33		
3.09	17.90	79.01	58.95	34.57	6.48		
3.79	13.03	83.18	66.57	26.57	6.86		
4.75	0.00	95.25	94.08	0.00	5.92		
3.02	0.00	96.98	99.31	0.00	0.69	—73.3	
2.76	14.70	82.54	85.62	13.39	0.99		
3.27	34.28	62.45	61.82	36.81	1.37		
3.27	46.37	50.36	—	—	—		
3.66	58.44	37.90	43.23	53.01	3.76		
1.63	0.00	98.37	>99.9	0.00	—	—128.9	
1.79	10.14	88.07	99.00	0.37	0.63		
3.00	55.93	41.07	87.70	12.04	0.26		
2.96	57.84	39.20	87.70	12.04	0.26		
3.12	59.14	37.74	86.66	13.07	0.27		
5.97	81.22	12.81	80.08	19.61	0.31		
7.81	92.19	0.00	76.18	23.82	0.00		

№ 1776 СЕРОВОДОРОД—ДВУОКИСЬ УГЛЕРОДА—МЕТАН [918]
 $\text{H}_2\text{S}-\text{CO}_2-\text{CH}_4$

Состав жидкости, мол. %			Состав пара, мол. %			t	Р. ата
сероводо- род	двуокись углерода	метан	сероводо- род	двуокись углерода	метан		
84.0	16.0	0.0	60.8	39.2	0.0	37.8	40.8
84.0	17.0	2.0	66.0	22.2	11.8		
90.5	6.9	2.6	66.7	20.6	12.7		
93.7	4.4	1.9	68.4	11.5	20.1		
89.1	10.1	0.8	64.4	25.9	9.7		
81.5	18.5	0.0	63.0	37.0	0.0		
87.0	12.2	0.8	63.0	31.7	5.3		
96.7	0.0	3.3	74.0	0.0	29.0		
95.5	2.9	1.6	69.0	6.6	24.4		
89.1	0.0	10.9	49.0	0.0	51.0		81.6

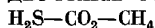
Таблица № 1776 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
сероводород	диоксид углерода	метан	сероводород	диоксид углерода	метан		
84.3	4.2	11.5	47.0	9.5	43.5	37.8	81.6
74.7	13.7	11.6	44.5	20.1	35.4		
68.3	21.3	10.4	41.8	27.6	30.4		
61.5	28.4	10.1	41.1	33.2	25.7		
59.8	30.5	9.7	40.7	34.7	24.6		
55.2	36.6	8.2	36.8	42.2	21.0		
47.6	45.8	6.6	34.8	49.7	15.5		
42.2	52.0	5.8	31.4	56.5	12.1		
37.2	56.3	6.5	31.6	57.9	10.5		
74.0	0.0	26.0	52.2	0.0	47.8	122.4	
70.6	3.6	25.8	53.0	4.7	42.3		
60.5	5.0	28.5	52.0	7.9	40.1		

№ 1777

СЕРОВОДОРОД—ДИОКСИД УГЛЕРОДА—МЕТАН

[1949]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P, ата
серо-водород	диоксид углерода	метан	серо-водород	диоксид углерода	метан	серо-водород	диоксид углерода	метан		
96.6	0.0	3.4	49.3	0.0	50.7	1.11	—	2.08	4.4	27.2
96.0	0.4	3.6	48.2	5.2	46.6	1.15	10.1	1.89		
94.4	2.0	3.6	47.1	10.6	42.3	1.18	4.11	1.72		
86.6	9.8	3.6	45.0	22.0	33.0	1.24	1.82	1.35		
76.3	20.4	3.3	42.6	34.4	23.0	1.28	1.36	1.07		
67.5	30.7	1.8	40.2	47.8	12.0	1.30	1.28	0.903		
60.1	39.9	0.0	37.2	62.8	0.0	1.33	1.24	—		
87.8	0.0	42.2	28.4	0.0	71.6	1.10	—	1.90		68.0
82.1	4.1	43.8	29.0	7.1	63.9	1.21	2.30	1.57		
75.2	9.8	15.0	29.2	14.2	56.6	1.35	1.91	1.31		
56.7	27.0	16.3	24.9	31.0	45.0	1.52	1.45	0.902		
23.1	59.0	17.9	15.0	51.0	34.0	2.21	1.13	0.623		
74.4	0.0	25.6	29.2	0.0	70.8	1.54	—	1.21		108.8
66.3	5.1	28.6	30.5	6.9	62.6	1.77	2.02	0.905		
54.7	11.4	33.9	33.1	13.4	53.5	2.35	1.79	0.690		
38.8	17.5	43.7	38.8	17.5	43.7	3.84	1.49	0.476		
96.8	0.0	3.2	84.4	0.0	15.6	1.04	—	0.550	71.1	68.0
96.1	0.6	3.3	84.0	2.2	13.8	1.05	1.07	0.465		
95.3	1.3	3.4	83.7	3.3	13.0	1.05	1.54	0.421		
93.5	3.1	3.4	83.0	6.8	10.1	1.05	1.33	0.325		
91.6	5.6	2.8	82.3	10.6	7.1	1.07	1.15	0.275		
89.9	8.5	1.7	81.6	14.8	3.6	1.07	1.05	0.232		
89.1	10.9	0.0	81.1	18.9	0.0	1.08	1.05	—		

Таблица № 1777 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P, ата
серо- водород	двуокись углерода	метан	серо- водород	двуокись углерода	метан	серо- водород	двуокись углерода	метан		
91.5	0.0	8.5	73.0	0.0	27.0	1.06	—	0.46	71.1	90.4
90.0	1.2	8.8	72.8	2.8	24.4	1.07	1.57	0.39		
88.5	2.6	8.9	72.4	5.6	22.0	1.08	1.45	0.35		
87.1	4.2	8.7	71.9	8.3	19.8	1.09	1.32	0.32		
83.9	6.6	9.5	70.9	11.6	17.5	1.11	1.18	0.26		
80.0	10.0	10.0	70.0	15.0	15.0	1.15	1.01	0.21		
76.1	13.9	10.0	68.0	18.6	12.5	1.20	0.91	0.18		
71.8	19.7	8.5	67.5	22.5	10.0	1.24	0.84	0.17		
84.1	0.0	15.9	73.5	0.0	26.5	1.25	—	0.281		108.8
82.1	1.9	16.0	73.5	2.7	23.8	1.28	1.19	0.233		
78.5	4.4	17.1	74.5	4.9	20.6	1.36	0.933	0.202		
75.5	5.1	19.4	75.5	5.1	19.4	1.43	0.840	0.168		

№ 1778

МЕТАН—ДВУОКИСЬ УГЛЕРОДА—СЕРОВОДОРОД

[598]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P, ата
метан	двуокись углерода	серо- водород	метан	двуокись углерода	серо- водород	метан	двуокись углерода	серо- водород		
3.0	0	97.0	79	0	21	26.3	—	0.216	—34.4	20.4
4.8	12.7	82.5	65.2	14.0	20.8	13.6	1.1	0.253		
5.6	77.6	16.8	38.2	54.0	7.8	6.82	0.7	0.462		
3.0	97.0	0	36.5	63.5	0	12.2	0.655	—		
7.0	0	93.0	86.0	0	14.0	12.3	—	0.151		34.0
9.5	13.4	77.1	75.0	9.5	15.5	7.89	0.709	0.201		
11.4	51.1	37.5	60.0	28.9	11.1	5.26	0.566	0.296		
11.8	70.9	17.3	57.9	36.8	5.3	4.91	0.519	0.303		
10.0	90.0	0	60.0	40.0	0	6.0	0.444	—		
9.5	0	90.5	88.0	0	12.0	9.26	—	0.133		47.6
12.8	11.4	75.8	86.0	2.4	11.6	6.72	0.211	0.153		
17.2	47.1	35.7	67.7	22.0	9.7	3.49	0.48	0.272		
19.4	66.2	14.4	65.1	30.6	4.3	3.36	0.461	0.299		
17.5	82.5	0	67.0	33.0	0	3.83	0.4	—		
4.0	0	96.0	89.0	0	11.0	10.7	—	1.72	—51.0	20.4
5.8	13.0	81.2	79.8	8.5	11.7	12.8	1.82	2.16		
8.2	47.0	44.8	70.5	21.9	7.6	7.97	1.3	2.55		
9.0	73.2	17.8	65.1	30.9	4.0	6.7	1.17	3.38		
7.5	92.5	0	66.0	34.0	0	8.16	1.02	—		
8.0	0	92.0	92.0	0	8.0	11.0	—	2.54		34.0

Таблица № 1778 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P, ата
метан	диоксид углерода	серо-водород	метан	диоксид углерода	серо-водород	метан	диоксид углерода	серо-водород		
9.6	10.8	79.6	82.8	6.2	11.0	8.24	2.56	4.03	—51.0	34.0
12.8	46.6	40.6	76.4	17.7	5.9	5.71	1.67	4.24		
16.3	68.4	15.3	74.4	23.0	2.6	4.35	1.48	4.97		
17.0	83.0	0	77.0	23.0	0	4.32	1.22	—		
10.3	0	89.7	92.0	0	8.0	8.64	—	3.56	47.6	
12.6	12.2	75.2	89.3	2.6	8.1	6.85	1.22	4.52		
21.8	41.5	36.7	85.6	8.6	5.8	3.8	1.17	6.31		
26.9	60.6	12.5	77.7	19.5	2.8	2.79	1.84	8.95		

№ 1779

ХЛОРСУЛЬФОНОВАЯ КИСЛОТА—
ПИРОСЕРНАЯ КИСЛОТА—СЕРНАЯ КИСЛОТА
 $\text{HSO}_3\text{Cl}—\text{H}_2\text{S}_2\text{O}_7—\text{H}_2\text{SO}_4$

[150]

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлорсульфоновая кислота	пироксерная кислота	серная кислота	хлорсульфоновая кислота	серный ангидрид SO_3	серная кислота		
0.00	0.00	100.00	0.0	0.0	100.0	309.0	760
0.00	100.00	0.00	0.0	100.0	0.0	73.9	
2.12	0.00	97.88	20.4	0.0	79.6	280.0	
3.58	0.22	96.20	32.2	13.0	64.8	245.0	
3.58	17.08	79.34	10.2	85.2	4.6	187.0	
4.03	95.97	0.00	0.14	99.86	0.0	74.0	
4.78	29.48	65.74	0.5	94.5	5.0	157.5	
6.10	10.50	83.40	32.5	51.3	16.2	172.8	
8.36	24.45	67.19	11.1	84.5	4.4	148.0	
8.58	0.00	91.42	66.3	0.0	33.7	206.0	
10.32	26.90	62.78	1.3	89.7	9.0	148.2	
12.70	39.04	48.26	1.2	96.1	2.7	121.5	
15.50	44.05	40.45	1.3	97.9	0.8	102.0	
17.40	0.00	82.60	93.54	0.0	6.46	159.0	
17.57	29.50	52.93	1.9	96.1	2.0	119.8	
18.97	81.03	0.00	0.66	99.34	0.0	74.2	
19.39	22.82	57.79	9.6	90.4	0.0	127.0	
21.08	15.80	63.12	22.8	77.2	0.0	141.0	
23.34	11.78	64.88	23.8	76.2	0.0	147.5	
26.54	0.00	73.46	95.86	0.0	4.14	156.5	
26.84	21.72	51.44	10.5	89.5	0.0	120.0	
29.83	27.20	42.97	10.4	89.6	0.0	102.5	
31.35	26.92	41.73	17.8	82.2	0.0	104.0	

Таблица № 1779 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлорсуль- фоновая кислота	пиро- серная кислота	серная кислота	хлорсуль- фоновая кислота	серный ангидрид SO	серная кислота		
32.19	17.90	49.91	27.5	66.6	5.9	122.2	760
32.77	32.50	34.73	1.8	98.2	0.0	94.5	
33.21	32.24	34.55	9.9	90.1	0.0	96.8	
34.23	3.51	62.26	66.3	23.0	10.7	148.8	
34.29	13.77	51.94	36.9	59.9	3.2	128.8	
34.72	32.41	32.87	9.7	90.3	0.0	99.5	
35.04	1.50	63.46	76.2	11.8	12.0	155.5	
35.28	26.55	38.17	19.9	80.1	0.0	106.5	
35.64	10.05	54.31	34.9	65.1	0.0	134.2	
35.82	3.65	60.53	64.8	32.2	3.0	142.0	
35.99	0.00	64.01	96.45	0.0	3.55	156.0	
36.00	24.00	40.00	11.1	83.7	5.2	109.0	
36.52	14.35	49.13	29.3	68.0	2.7	121.8	
37.18	0.00	62.76	82.6	13.3	4.1	152.0	
37.30	15.82	46.88	26.4	73.6	0.0	120.8	
37.86	17.42	44.72	24.2	75.8	0.0	121.2	
38.24	6.91	54.88	47.7	52.3	0.0	140.0	
38.80	21.78	39.42	14.2	84.8	1.0	112.0	
39.29	17.99	42.72	22.4	71.8	5.8	117.2	
41.38	58.62	0.00	1.8	98.2	0.0	78.4	
41.37	9.94	48.69	45.2	51.9	2.9	138.5	
42.76	1.52	55.72	82.3	14.4	3.3	155.5	
43.90	25.15	30.95	13.7	86.3	0.0	108.8	
45.72	0.00	54.28	96.45	0.0	3.55	156.0	
46.09	29.68	24.23	4.9	95.1	0.0	98.2	
47.35	36.25	16.40	3.8	96.2	0.0	87.8	
47.76	36.56	15.68	3.9	96.1	0.0	91.8	
48.50	35.35	16.15	3.9	96.1	0.0	91.3	
49.15	34.68	16.17	7.8	92.2	0.0	95.3	
49.06	36.00	14.04	7.0	92.1	0.0	97.8	
51.20	35.54	13.26	7.4	92.6	0.0	93.5	
53.74	23.17	23.09	15.4	84.6	0.0	98.5	
54.41	44.26	1.33	3.3	96.7	0.0	81.8	
55.80	0.00	44.20	96.75	0.0	3.25	155.7	
56.34	27.34	16.32	11.4	88.6	0.0	112.5	
56.61	0.64	42.75	83.0	13.6	3.4	155.5	
57.28	16.92	25.80	36.9	61.6	1.5	119.0	
58.33	41.67	0.00	3.7	96.3	0.0	87.1	
59.54	14.26	26.20	33.6	64.9	1.5	123.5	
60.54	21.11	18.35	21.9	78.1	0.0	106.0	
62.34	33.62	3.94	4.2	95.8	0.0	88.6	
62.69	3.85	33.46	72.1	26.8	1.1	146.0	
63.30	31.74	4.96	4.5	95.5	0.0	94.9	
64.86	31.78	3.36	4.5	95.5	0.0	92.4	
65.23	33.58	1.19	8.6	91.4	0.0	90.6	
66.28	0.00	33.72	97.63	0.0	2.37	155.0	
67.05	31.80	1.15	8.8	91.2	0.0	92.8	
68.28	31.72	0.00	12.9	87.1	0.0	97.3	

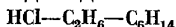
Таблица № 1779 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлорсуль- фовая кислота	пиро- серная кислота	серная кислота	хлорсуль- фовая кислота	серный ангидрид SO ₃	серная кислота		
76.65	23.35	0.00	26.5	73.5	0.0	109.6	760
77.14	0.00	22.86	98.64	0.0	1.36	154.0	
82.77	17.23	0.00	37.8	62.2	0.0	118.3	
85.23	3.22	11.55	84.4	15.2	0.4	144.5	
86.46	13.54	0.00	45.9	54.1	0.0	121.5	
88.38	0.00	11.62	99.4	0.0	0.6	153.2	
91.04	3.22	5.74	84.6	15.1	0.3	144.2	
91.51	8.49	0.00	60.8	39.2	0.0	131.2	
97.05	0.00	2.95	99.88	0.0	0.12	152.8	
97.56	2.44	0.00	86.4	13.6	0.0	146.1	
100.00	0.00	0.00	100.0	0.0	0.0	152.6	

№ 1780

ХЛОРИСТЫЙ ВОДОРОД—ЭТАН—МЕТИЛПЕНТАН

[455]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
хлористый водород	этан	метил- пентан	хлористый водород	этан	метил- пентан		
2.95	19.12	77.93	20.00	74.49	5.51	40	10
8.81	9.28	81.91	58.22	36.26	5.52		
12.55	3.29	84.16	81.57	12.89	5.54		
8.77	50.53	40.70	21.21	76.60	2.19	30	30
23.38	28.21	48.41	53.73	44.03	2.24		
38.26	9.65	52.09	82.41	15.40	2.19		
10.29	15.77	73.94	45.65	46.07	8.28	70 110	20
4.20	1.76	94.04	44.62	12.95	42.43		
4.26	24.90	70.84	15.90	66.67	17.43		
10.00	16.57	73.43	37.57	45.17	17.26	140 180	20
10.73	15.53	73.74	40.40	42.36	17.24		
18.01	5.44	76.55	67.98	15.07	16.95		
4.60	6.84	88.56	26.84	29.78	43.38	140 180	30
1.97	10.73	87.30	7.04	31.25	61.71		
5.37	6.27	88.36	19.71	18.73	61.56		
8.51	2.08	89.41	31.98	6.36	61.66		
0.03	1.41	90.56	33.07	4.32	61.71		

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
неон	гелий	азот	неон	гелий	азот		
0.00	0.108	99.892	0.00	63.8	36.2	-190.3	5
0.10	0.097	99.803	6.25	57.1	36.65		
0.20	0.087	99.713	12.5	50.7	36.8		
0.30	0.076	99.624	18.7	44.4	36.9		
0.40	0.065	99.535	24.9	38.0	37.1		
0.50	0.055	99.445	31.0	31.8	37.2		
0.60	0.044	99.356	37.2	25.4	37.4		
0.70	0.033	99.267	43.3	10.2	37.5		
0.80	0.022	99.178	49.3	13.0	37.7		
0.90	0.012	99.088	55.4	6.76	37.84		
1.04	0.00	98.99	62.0	0.00	38.0		10
0.00	0.268	99.732	0.00	81.8	18.2		
0.05	0.260	99.690	1.62	80.1	18.28		
0.20	0.247	99.553	6.45	75.2	18.35		
0.50	0.218	99.282	15.9	65.5	18.6		
0.80	0.187	99.013	25.5	55.6	18.9		
1.10	0.156	98.744	34.8	46.1	19.1		
1.40	0.115	98.485	44.1	36.6	19.3		
1.70	0.094	98.206	53.2	27.3	19.5		
2.00	0.063	97.937	62.2	18.0	19.8		
2.30	0.031	97.669	71.1	8.91	19.99		15
2.60	0.00	97.40	79.8	0.00	20.2		
0.00	0.418	99.582	0.00	87.7	12.3		
0.20	0.399	99.401	4.43	83.3	12.27		
0.50	0.370	99.130	11.0	76.6	12.4		
1.00	0.321	98.679	21.8	65.5	12.7		
1.50	0.272	98.228	32.4	54.7	12.9		
2.00	0.222	97.778	42.8	44.1	13.1		
2.50	0.172	97.328	52.9	33.7	13.4		
3.00	0.122	96.878	62.8	23.5	13.7		
3.50	0.071	96.429	72.5	13.6	13.9		20
4.00	0.021	95.979	82.0	3.83	14.17		
4.20	0.00	95.80	85.7	0.00	14.3		
0.00	0.560	99.440	0.00	90.5	9.5		
0.50	0.514	98.986	8.48	81.8	9.72		
1.00	0.467	98.533	16.8	73.3	9.9		
1.50	0.418	98.082	25.0	64.9	10.1		
2.00	0.369	97.631	32.9	56.8	10.3		
2.50	0.322	97.178	40.7	48.8	10.5		
3.00	0.274	96.726	48.4	40.9	10.7		
3.50	0.225	96.275	55.9	33.2	10.9		30
4.00	0.178	95.822	63.1	25.8	11.1		
5.00	0.081	94.919	77.3	11.3	11.4		
5.80	0.00	94.20	88.3	0.0	11.7		
0.00	0.825	99.175	0.0	92.9	7.1		
1.00	0.731	98.269	11.9	80.6	7.5		
2.00	0.631	97.369	23.4	67.8	8.8		
3.00	0.547	96.453	34.4	57.6	8.0		

Таблица № 1781 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
неон	гелий	азот	неон	гелий	азот		
4.00	0.456	95.544	45.0	46.7	8.3	-190.3	30
5.00	0.366	94.634	55.0	36.5	8.5		
6.00	0.274	93.726	64.7	26.6	8.7		
7.00	0.180	92.820	74.0	17.0	9.0		
8.00	0.092	91.908	82.5	8.3	9.2		
8.96	0.00	91.04	90.6	0.0	9.4		
0.00	1.07	98.93	0.00	93.5	6.5		40
1.00	0.990	98.010	9.46	84.9	5.64		
2.00	0.900	97.100	18.6	75.5	5.9		
3.00	0.809	96.191	27.4	66.5	6.1		
4.00	0.718	95.282	35.8	57.9	6.3		
5.00	0.630	94.370	43.9	49.6	6.5		
6.00	0.543	93.457	51.7	41.6	6.7		
7.00	0.453	92.547	59.1	34.0	6.9		
8.00	0.365	91.635	66.2	26.7	7.1		
10.0	0.195	89.805	79.3	13.3	7.4		
12.2	0.00	87.80	92.3	0.0	7.7		
0.00	1.31	98.69	0.00	94.8	5.2	-159.9	50
1.00	1.22	97.78	8.01	86.8	5.19		
2.00	1.13	96.87	15.7	78.9	5.4		
3.00	1.05	95.95	23.2	71.3	5.5		
4.00	0.957	95.043	30.4	63.9	5.7		
5.00	0.870	94.130	37.2	56.9	5.9		
7.00	0.700	92.300	50.1	43.7	6.2		
9.00	0.527	90.473	62.0	31.5	6.5		
11.0	0.360	88.640	72.6	20.6	6.8		
13.0	0.193	86.807	82.5	10.5	7.0		
15.4	0.00	84.6	92.7	0.0	7.3		
0.00	0.340	99.660	0.00	20.2	79.8		20
0.10	0.298	99.602	0.95	17.0	82.05		
0.20	0.262	99.538	1.89	13.8	84.31		
0.30	0.224	99.476	2.83	12.3	84.87		
0.40	0.189	99.411	3.76	10.8	85.44		
0.50	0.152	99.348	4.69	9.27	86.04		
0.60	0.115	99.285	5.60	7.79	86.61		
0.70	0.077	99.223	6.51	6.33	87.16		
0.80	0.039	99.161	7.42	3.47	89.11		
0.90	0.00	99.10	8.32	0.00	91.66		
0.00	0.930	99.070	0.00	20.2	79.8		25
0.40	0.800	98.800	3.20	17.0	79.8		
0.80	0.670	98.530	6.33	13.8	79.87		
1.00	0.602	98.398	7.87	12.3	79.83		
1.20	0.536	98.264	9.38	10.8	79.82		
1.40	0.468	98.132	10.9	9.27	79.83		
1.60	0.398	98.002	12.4	7.79	79.81		
1.80	0.329	97.871	13.8	6.33	79.87		
2.20	0.186	97.614	16.7	3.47	79.83		
2.70	0.00	97.30	20.2	0.00	79.8		
0.00	1.47	98.53	0.00	28.4	71.6		30

Таблица № 1781 (продолжение)

Состав жидкости, мол.			Состав пара, мол.			t	P, ата
неон	гелий	азот	неон	гелий	азот		
0.50	1.32	98.18	3.56	24.9	71.54	-159.9	30
1.00	1.17	97.83	7.01	21.5	71.49		
1.50	1.02	97.48	10.4	18.1	71.5		
2.00	0.860	97.14	13.6	14.9	71.5		
2.50	0.700	96.80	16.8	11.7	71.5		
3.00	0.533	96.467	19.9	8.70	71.4		
3.50	0.365	96.135	22.8	5.70	71.5		
4.00	0.187	95.813	25.7	2.80	71.5		
4.52	0.00	95.48	28.5	0.00	71.5		
0.00	2.51	97.49	0.00	40.4	59.6		40
0.50	2.39	97.11	3.05	27.7	59.25		
1.00	2.25	96.75	6.03	34.7	59.27		
2.00	1.96	96.04	11.8	28.9	59.3		
3.00	1.68	95.32	17.2	23.5	59.3		
4.00	1.39	94.61	22.3	18.4	59.3		
5.00	1.09	93.91	27.1	13.6	59.3		
6.00	0.768	93.232	31.7	9.00	59.3		
7.00	0.440	92.560	35.9	4.80	59.3		
8.22	0.00	91.78	40.7	0.00	59.3		
0.00	3.54	96.46	0.00	49.9	50.1		50
1.00	3.26	95.74	5.49	44.1	50.41		
2.00	3.00	95.00	10.8	38.8	50.4		
3.00	2.73	94.27	15.7	33.9	50.4		
4.00	2.45	93.55	20.6	29.0	50.4		
5.00	2.17	92.83	25.1	24.5	50.4		
6.00	1.88	92.12	29.4	20.2	50.4		
8.00	1.29	90.71	37.3	12.3	50.4		
10.0	0.65	89.35	44.2	5.40	50.4		
11.9	0.00	88.1	49.6	0.00	50.4		

№ 1782

АЗОТ—МЕТАН—АММИАК

[14]



Состав жидкости, мол.			Состав пара, мол. %			t	P, ата
азот	метан	аммиак	азот	метан	аммиак		
0.067	0.803	99.130	17.84	77.06	5.10	-20	50
0.124	1.324	98.552	18.11	78.22	3.67		100
0.204	1.793	98.003	18.13	78.30	3.57		200
—	—	—	18.14	78.36	3.50		300
0.284	2.166	97.550	18.15	78.41	3.44		400
—	—	—	18.16	78.43	3.41		500
0.319	2.286	97.395	—	—	—		508
—	—	—	18.16	78.45	3.30		600
0.098	1.020	98.882	18.30	70.53	11.17		50
0.194	1.707	98.099	19.05	73.43	7.52		100

Таблица № 1782 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
азот	метан	аммиак	азот	метан	аммиак		
0.342	2.577	97.081	19.19	73.97	6.84	—20	200
—	—	—	19.27	74.25	6.48		300
0.490	3.369	96.141	19.31	74.41	6.28		400
—	—	—	19.36	74.63	6.01		500
0.585	3.651	95.764	—	—	—		561
—	—	—	19.41	74.79	5.80		600
0.129	1.122	98.749	16.00	58.08	25.92	25	50
0.279	2.302	97.419	18.76	68.08	13.16		100
0.576	4.106	95.318	19.27	69.96	10.77		200
—	—	—	19.60	71.13	9.27		300
0.986	5.833	93.181	19.77	71.75	8.48		400
—	—	—	19.85	72.07	8.08		500
1.219	6.623	92.158	—	—	—		561
—	—	—	19.90	72.21	7.89		600
0.179	1.281	98.540	—	—	—	50	50
0.490	3.187	96.323	17.91	62.04	20.05		100
1.098	6.197	92.705	18.72	64.85	16.43		200
—	—	—	19.14	66.29	14.57		300
1.953	9.342	88.705	19.34	67.00	13.66		400
—	—	—	19.31	67.59	13.10		500
2.453	10.852	86.695	—	—	—		561
—	—	—	19.65	68.07	12.28		600

№ 1783

КИСЛОРОД—АРГОН—АЗОТ

[243]

O₂—Ar—N₂

Состав жидкости, вес. %			Состав пара, вес. %			t	P, ата
кислород	аргон	азот	кислород	аргон	азот		
25.0	07.0	8.0	17.5	45.0	37.5	—182.9	1.5
53.5	40.0	6.5	45.8	32.4	21.8		
71.0	24.4	4.6	60.0	31.3	8.7		
24.8	66.5	8.7	22.2	56.9	20.9		2.5
53.0	39.0	8.0	46.5	23.5	30.0		
70.5	25.6	3.9	65.0	27.0	8.0		
23.8	66.0	10.2	22.6	59.2	18.2		5.0
52.5	38.0	9.5	47.7	24.7	27.6		
70.0	26.4	3.6	66.4	26.4	7.2		
23.0	65.8	11.2	22.8	61.2	16.0		10.0
50.3	38.2	11.5	49.8	26.2	24.0		
69.5	27.0	3.5	67.4	26.4	6.2		



Состав жидкости, мол. %			Состав пара, мол. %			t	P
азот	аргон	кислород	азот	аргон	кислород		
1.1	92.69	6.21	4.69	89.79	5.52	—183.29	1000
1.36	19.42	79.22	13.02	15.44	71.54	—181.42	
1.78	24.75	73.47	4.14	32.16	63.70	—181.69	
1.92	15.59	82.49	4.99	20.48	74.53	—181.37	
1.99	38.13	59.88	5.57	43.81	50.62	—182.26	
2.40	30.65	66.95	3.06	38.72	58.22	—181.84	
4.56	5.09	90.35	15.10	6.57	78.33	—181.73	
5.98	15.19	78.83	17.72	18.13	64.15	—182.43	
6.28	54.10	39.62	17.31	53.54	29.15	—183.54	
13.49	85.47	1.04	59.37	40.22	0.41	—188.23	
13.66	77.33	9.01	32.31	61.48	6.21	—185.42	
13.92	29.92	56.16	21.36	29.48	49.16	—184.08	
14.61	65.73	19.66	33.98	53.02	13.00	—185.29	
15.09	17.11	67.80	38.08	16.66	46.26	—184.36	
15.35	6.16	78.49	40.42	5.96	53.62	—184.25	
19.05	31.42	49.53	42.63	27.10	30.27	—185.48	
24.13	7.73	68.14	53.47	6.70	39.83	—185.76	
26.91	16.24	56.85	55.61	13.29	31.10	—186.37	
27.33	11.15	61.52	56.48	9.29	34.23	—186.36	
29.84	30.81	39.35	56.37	22.68	20.95	—186.95	
37.13	11.44	51.43	66.79	8.53	24.68	—187.61	
38.44	35.97	25.59	64.67	23.09	12.24	—188.16	
38.94	0.41	60.65	70.78	0.43	28.79	—187.59	
39.10	44.56	16.34	65.32	26.78	7.90	—188.35	
46.52	8.87	44.61	75.71	5.33	98.96	—188.65	
52.80	13.17	34.03	78.55	7.44	14.01	—189.45	
55.29	20.95	23.76	78.83	11.33	9.84	—189.89	
55.51	0.58	43.91	82.25	0.40	17.35	—189.57	
60.03	19.39	20.58	79.46	12.14	8.40	—189.95	
65.76	32.34	1.90	84.11	15.25	0.64	—191.12	
68.23	11.30	20.47	86.19	6.55	7.26	—190.89	
70.57	14.47	14.96	86.98	7.71	5.31	—	
71.74	26.43	1.83	86.75	12.69	0.56	—191.31	
76.45	20.46	3.09	92.21	0.19	7.59	—191.47	
77.26	11.15	11.59	92.16	4.53	3.31	—	
83.19	8.08	8.73	93.25	3.86	2.89	—192.06	
84.31	7.23	8.46	94.24	3.15	2.61	—192.18	
88.59	10.64	0.77	95.83	3.95	0.22	—192.64	
2.63	9.22	88.15	10.17	12.79	77.04	—184.06	760
3.00	4.79	92.21	10.59	6.48	82.93	—183.88	
4.21	9.89	85.90	15.66	13.18	71.16	—184.87	
4.61	5.12	90.27	16.80	6.63	76.57	—184.38	
23.09	9.00	67.91	50.68	8.04	41.28	—187.73	
24.35	9.91	65.74	54.24	8.08	37.68	—188.56	
51.41	4.76	43.83	80.71	2.54	16.75	—191.96	1034
22.05	10.04	67.91	51.66	8.24	40.10	—185.13	
3.65	9.70	96.65	12.43	12.61	74.96	—180.25	
3.93	5.01	91.06	13.90	6.53	79.57	—180.26	1140

Таблица № 1784 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
азот	аргон	кислород	азот	аргон	кислород		
48.89	4.93	46.18	80.12	2.72	17.16	—187.76	1140
3.09	9.46	87.45	9.71	12.13	78.16	—173.91	1520
3.34	4.88	91.78	11.20	6.46	82.34	—176.69	
19.35	10.05	70.60	45.36	9.15	45.49	—179.79	
48.91	5.43	45.66	77.08	3.31	19.61	—186.70	

№ 1785

КИСЛОРОД—АРГОН—АЗОТ

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 $O_2—Ar—N_2$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
кислород	аргон	азот	кислород	аргон	азот		
10.6	65.9	23.5	6.4	46.5	47.1	—187.6	912
10.7	41.4	47.9	4.5	22.2	73.3	—190.2	
12.5	19.5	68.0	4.4	9.2	86.4	—191.8	
20.2	67.0	12.8	13.6	54.2	32.2	—186.2	
22.6	36.2	41.2	10.1	21.1	68.8	—189.5	
28.4	58.2	13.4	18.8	48.2	33.0	—185.9	
31.0	29.4	39.6	14.0	18.4	67.6	—189.2	
40.7	9.7	49.6	16.0	6.1	77.9	—190.0	
42.2	19.3	38.5	19.1	12.2	68.7	—188.9	
42.9	37.5	19.6	25.5	29.5	45.0	—186.6	
49.5	37.0	13.5	32.5	33.4	34.1	—185.5	
49.8	18.7	31.5	24.9	13.7	61.4	—187.9	
59.4	27.6	13.0	39.8	26.0	34.2	—185.2	
71.2	16.3	12.5	48.9	17.2	33.9	—184.8	

№ 1786

ВОДОРОД—МЕТАН—ЭТАН

[458]

 $H_2—CH_4—C_2H_6$

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	метан	этан	водород	метан	этан		
1.87	0.00	98.13	91.66	0.00	8.34	—73.3	34.0
1.33	29.42	69.25	46.23	45.87	7.91		
1.34	32.55	66.11	39.40	52.30	8.30		
1.20	38.59	60.21	30.62	61.52	7.86		
1.00	43.25	55.75	23.08	69.13	7.79		
0.00	68.00	34.00	0.00	93.00	7.00		
3.90	0.00	96.10	94.76	0.00	5.24		68.0
3.82	0.00	96.18	94.83	0.00	5.17		

Таблица № 1786 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
водород	метан	этан	водород	метан	этан		
3.51	4.41	92.08	93.25	3.24	3.51	-73.3	68.0
4.00	11.53	84.47	83.72	11.02	5.26		
3.76	49.57	46.67	45.79	48.62	5.59		
1.20	0.00	98.80	99.69	0.00	0.31	-128.9	34.0
1.67	52.24	46.09	81.54	18.19	0.272		
1.75	76.08	22.17	74.12	25.72	0.164		
3.27	92.03	4.70	69.15	30.80	0.051	68.0	68.0
3.43	96.57	0.00	63.92	36.08	0.00		
2.25	0.00	97.75	99.74	0.00	0.26		
2.42	11.15	80.43	97.10	2.60	0.231		
2.96	35.04	62.00	91.15	8.56	0.290		
3.13	40.80	56.07	90.09	9.68	0.230		
4.87	75.71	10.42	82.33	17.54	0.136		
6.43	87.32	6.25	73.29	20.65	0.061		
8.32	91.68	0.00	76.01	23.99	0.00		
7.81	92.19	0.00	76.18	23.82	0.00		

№ 1787

АЗОТ—МЕТАН—БУТАН

[915]

 $N_2-CH_4-C_4H_{10}$

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
азот	метан	бутан	азот	метан	бутан		
1.3	13.1	85.6	16.0	69.1	14.9	37.8	34.0
3.1	7.4	89.5	41.0	43.4	15.0		
4.2	4.0	91.8	65.9	18.7	15.4		
1.1	30.0	68.9	7.1	80.8	12.1	68.0	68.0
4.4	21.4	74.2	27.6	60.0	11.5		
6.2	16.4	77.4	40.8	48.0	11.2		
7.8	11.3	80.9	56.3	32.7	11.0	102.0	102.0
4.9	38.4	56.7	16.4	70.8	12.8		
9.7	24.2	66.1	41.1	47.5	11.4		
10.4	16.5	73.1	54.7	34.4	10.9	136.0	136.0
13.9	11.5	74.6	65.8	24.6	9.6		
5.9	63.9	30.2	5.9	63.9	30.2		
7.3	49.7	43.0	13.4	69.8	16.8	47.8	170.0
9.3	45.6	45.1	21.0	63.8	15.2		
9.7	72.0	18.3	9.7	72.0	18.3		
10.4	43.4	46.2	23.3	62.4	14.3		
12.0	37.3	50.7	29.5	56.4	14.1		
13.3	34.8	51.0	32.6	52.3	15.1		
20.0	13.7	66.3	65.4	23.3	11.3		
20.1	14.9	65.0	64.1	24.9	11.0		
22.1	37.9	40.0	35.3	47.2	17.5		
22.5	37.1	40.4	37.3	46.4	16.3		
23.3	33.8	42.9	41.6	42.9	15.5		

Таблица № 1787 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
азот	метан	бутан	азот	метан	бутан		
24.2	30.2	45.6	45.5	39.9	14.6	47.8	170.0
25.8	19.6	51.6	60.2	26.9	12.9		
27.3	53.6	19.1	27.3	53.6	19.1		
35.5	19.5	45.0	59.9	23.4	16.7		204.0
35.6	13.6	50.8	67.5	16.7	15.8		
37.0	9.2	53.8	74.7	11.9	13.4		
2.6	6.7	90.7	32.8	33.4	33.8	71.1	34.0
5.6	13.7	80.7	35.2	40.9	23.9		68.0
9.2	3.9	86.9	64.0	13.2	22.8		
9.5	2.2	88.3	69.7	7.3	23.0		
10.3	1.3	88.4	72.2	4.3	23.5		
6.0	30.1	63.9	17.8	57.0	25.2		102.0
0.2	29.0	64.2	19.4	56.1	24.5		
8.2	25.7	66.1	26.8	49.0	24.2		
10.9	19.2	69.9	38.6	38.6	22.8		
12.4	14.3	73.3	47.0	29.5	23.5		
13.3	11.7	75.0	53.3	24.9	21.8		
10.9	35.6	53.5	22.2	48.7	29.1		136.0
12.3	32.3	55.4	25.7	46.2	28.1		
13.1	29.1	57.8	28.7	43.2	28.1		
13.3	30.7	56.0	27.5	44.0	28.5		
14.0	29.0	57.0	29.3	44.5	29.2		
15.5	24.5	60.0	35.7	37.6	26.7		
19.2	15.8	65.0	49.6	26.7	23.7		
21.5	49.9	28.6	21.5	49.9	28.6		
21.7	7.0	71.3	66.1	12.2	21.7		
28.0	18.9	53.1	45.0	23.2	31.8		170.0
29.0	20.3	50.7	41.6	23.7	34.7		
29.1	16.6	54.3	47.4	21.3	31.3		
30.3	6.7	63.0	64.0	9.5	26.5		
34.4	23.3	42.3	34.4	23.3	42.3		
0.4	7.8	91.8	4.2	35.6	60.2	104.4	34.0
1.5	5.1	93.4	13.9	27.3	58.8		
2.9	2.9	94.2	25.6	14.3	60.1		
4.8	0.0	95.2	39.6	0.0	60.4		
0.6	23.6	75.8	3.5	51.6	44.9		68.0
4.6	14.4	81.0	20.3	35.8	43.9		
6.1	12.9	81.0	25.0	34.0	44.0		
6.8	9.8	83.4	27.2	28.4	44.4		
7.9	8.8	83.3	34.0	23.2	42.8		
10.7	26.5	62.8	17.6	35.4	47.0		102.0
10.7	25.4	63.9	18.1	35.3	46.6		
11.4	24.6	64.0	18.8	35.7	45.5		
12.0	35.7	52.3	12.0	35.7	52.3		
12.4	36.3	51.3	12.4	36.3	51.3		
12.8	36.2	51.0	12.8	36.2	51.0		
13.9	18.8	67.3	29.0	28.0	43.0		
15.8	12.2	72.0	36.5	21.8	41.7		
18.1	8.9	73.0	42.3	16.2	41.5		

Таблица № 1787 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
азот	метан	бутан	азот	метан	бутан		
18.8	7.3	73.9	47.6	12.9	39.5	104.4	102.0
0.9	0.2	98.9	4.3	1.4	94.3	137.8	34.0
0.9	0.4	98.7	4.4	1.6	94.0		
1.6	10.1	88.3	3.8	19.2	77.0		54.4
5.0	4.6	90.4	12.5	10.6	76.9		
9.9	5.2	84.9	16.6	8.0	75.4		68.0
11.0	4.1	84.9	18.3	7.1	74.6		

№ 1788

МЕТАН—ПЕНТАН—АЗОТ

[370]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	пентан	азот	метан	пентан	азот		
15.9	83.7	0.4	86.6	8.3	5.1	25	35.5
29.8	69.8	0.4	88.0	5.1	6.9		68.1
42.4	56.7	0.9	89.0	5.0	6.0		101.4
53.6	45.0	1.4	87.4	5.8	6.8		134.0
68.0	28.1	3.0	82.5	12.2	5.3		167.6
72.9	22.5	4.6	73.4	22.5	4.1		188.0
13.9	85.8	0.3	81.5	13.8	4.7	55	35.5
38.3	60.5	1.2	85.6	8.3	6.1		101.4
49.5	48.2	2.3	84.1	10.3	5.6		134.0
66.4	30.0	3.6	76.7	18.8	4.5		167.6
73.4	22.5	4.1	73.8	22.3	3.9		174.4
12.1	87.6	0.3	77.0	19.0	4.0	85	35.2
35.3	63.3	1.4	79.1	14.5	6.4		100.7
48.2	49.5	2.3	76.9	17.7	5.4		133.7
54.0	43.0	3.0	74.7	21.0	4.3		147.2
75.0	20.8	4.2	75.0	20.6	4.4		160.1

№ 1789

МЕТАН—СМЕСЬ ПЕНТАНОВ—АЗОТ

[370]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	пентаны	азот	метан	пентаны	азот		
17.0	82.3	0.7	84.8	10.4	4.8	25	34.4
30.4	69.0	0.6	89.7	4.7	5.6		66.6
42.7	56.4	0.9	88.9	4.3	6.8		100.3
55.5	42.3	2.2	86.5	6.0	7.5		133.0



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	гексан	азот	метан	гексан	азот		
16.1	83.7	0.2	90.8	3.0	6.2	25	36.2
27.8	71.3	0.9	93.4	1.8	4.8		68.4
39.1	59.7	1.2	91.3	2.1	6.6		101.7
48.5	49.4	2.1	88.8	3.0	8.2		134.7
58.1	39.1	2.8	89.0	4.6	6.4		167.9
69.0	27.6	3.4	84.2	8.1	7.7		202.0
73.0	23.7	3.3	83.6	10.4	6.0		208.2
77.1	18.0	4.9	77.9	17.5	4.6	55	229.3
14.2	85.5	0.3	87.3	4.9	7.8		36.2
35.5	62.8	1.7	89.9	3.4	6.7		101.7
55.3	42.1	2.6	88.2	5.7	6.0		167.9
65.8	30.5	3.7	82.8	10.9	6.3		202.0
71.3	24.9	3.8	80.8	14.6	4.6		208.2
76.8	18.9	4.3	76.8	18.6	4.6		219.1
12.6	87.1	0.3	82.9	11.3	5.8	85	35.5
33.3	65.1	1.6	89.3	6.0	4.7		101.4
53.7	44.3	2.0	85.0	9.8	5.2		167.6
60.7	35.8	3.5	80.4	13.7	5.9		187.9
71.4	25.0	3.6	70.3	25.0	4.7		201.0



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	гексаны	азот	метан	гексаны	азот		
15.9	83.9	0.2	90.8	3.9	5.3	25	35.5
39.8	59.1	1.1	91.4	2.0	6.6		101.4
58.5	38.0	3.5	89.3	4.6	6.1		167.6
73.5	22.9	3.6	82.8	11.9	5.3		201.0
74.3	22.2	3.5	72.9	22.3	4.8		215.0



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	гептан	азот	метан	гептан	азот		
16.1	83.7	0.2	92.85	1.75	5.4	25	36.2
27.6	71.6	0.8	93.00	1.15	5.85		68.4
38.1	61.2	0.7	93.00	1.09	5.91		101.7
47.0	51.8	1.2	90.90	1.26	7.84		135.0

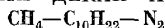
Таблица № 1792 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	гептан	азот	метан	гептан	азот		
54.0	43.6	2.4	91.00	2.18	6.82	25	167.9
62.1	35.4	2.5	89.6	3.6	6.8		202.2
70.5	25.5	4.0	87.1	6.4	6.5		236.8
73.1	22.6	4.3	85.8	8.3	7.9		243.6
76.1	19.2	4.7	84.9	9.6	5.5		250.0
14.1	85.5	0.4	90.4	3.2	6.4	55	34.8
35.2	63.9	0.9	92.8	2.1	5.1		100.9
51.3	46.8	1.9	90.6	3.2	6.2		167.2
68.3	28.4	3.3	86.4	7.8	5.8		236.0
74.5	21.6	3.9	82.0	12.0	6.0		249.3
75.9	19.8	4.3	76.8	18.8	4.4	85	252.8
13.0	86.5	0.5	91.8	4.0	4.2		34.8
33.9	65.1	1.0	91.1	3.1	5.8		100.9
49.4	48.6	2.0	88.7	5.2	6.1		167.2
69.5	26.4	4.1	82.1	13.0	4.9		236.0
73.5	22.8	3.7	75.2	20.7	4.1		242.5
76.3	20.1	3.6	76.2	19.9	3.9		249.3

№ 1793

МЕТАН—ДЕКАН—АЗОТ

[330]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	декан	азот	метан	декан	азот		
2.56	88.80	8.64	14.56	0.030	85.41	37.8	68
5.17	86.46	8.37	25.63	0.032	74.33		
9.64	83.50	6.86	36.03	0.031	63.94		
11.77	82.12	6.11	46.16	0.033	53.80		
13.52	81.65	4.83	55.19	0.034	44.78		
14.72	79.90	5.38	61.67	0.038	38.29	136	
17.98	78.70	3.32	64.77	0.047	35.18		
17.21	78.78	4.01	72.77	0.063	27.17		
20.70	76.00	3.30	81.96	0.100	17.93		
24.30	74.60	1.10	90.58	0.060	9.36		
2.56	79.92	17.52	7.94	0.034	92.03		
5.05	78.10	16.85	12.34	0.042	87.62		
16.00	71.60	12.40	39.10	0.041	60.86		
22.50	67.75	9.75	55.20	0.050	44.75		
27.78	65.10	7.12	64.94	0.073	34.99		
35.00	60.80	4.20	83.70	0.128	16.17	204	
39.50	58.40	2.10	92.75	0.120	7.13		
9.50	69.40	21.10	15.63	0.080	84.30		
15.50	66.70	17.80	27.06	0.019	72.85		
22.20	61.90	15.90	38.55	0.117	61.33		
31.47	56.25	12.28	55.55	0.114	44.33		
36.30	54.20	9.50	64.40	0.180	35.42		
41.80	51.20	7.00	75.63	0.200	24.17		
47.90	47.63	4.47	83.20	0.300	16.50		

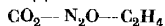
Состав жидкости, мол. %			Состав пара, мол. %			t	Р, атм
метан	декан	азот	метан	декан	азот		
4.38	66.98	28.64	6.49	0.129	93.38	37.8	272
11.77	62.80	25.43	14.18	0.160	85.66		
17.90	59.30	22.80	23.49	0.176	76.34		
24.70	56.50	18.80	36.70	0.300	63.00		
34.00	50.50	15.50	48.78	0.353	50.87		
41.50	46.40	12.10	61.98	0.375	37.65		
51.20	40.00	8.80	75.34	0.472	24.18		
58.40	37.00	4.60	85.15	0.682	14.17		
4.08	62.70	33.22	6.25	0.500	93.25		340
5.20	61.80	33.00	6.55	0.300	93.15		
12.48	58.40	29.12	15.10	0.460	84.44		
17.85	54.40	27.75	25.00	0.450	74.55		
24.20	52.00	23.80	33.00	0.500	65.90		
27.20	49.70	22.70	37.30	0.600	62.10		
36.10	44.10	19.80	46.69	0.554	52.76		
43.60	38.70	17.70	56.20	0.430	43.37		
45.90	38.40	15.70	61.40	0.500	38.10		
52.30	35.60	12.10	69.72	0.373	29.91		
58.50	32.10	9.40	77.41	0.685	21.90		
63.70	29.45	6.85	86.34	0.712	12.95		
3.87	87.74	8.39	18.18	0.085	81.73	71.1	68
7.75	85.20	7.05	27.45	0.087	72.46		
10.74	83.45	5.81	36.66	0.092	63.25		
14.05	81.05	4.90	54.64	0.111	45.25		
19.60	78.00	2.40	80.76	0.161	19.08		
16.20	80.50	3.30	77.39	0.156	22.46		
21.60	76.90	1.50	87.46	0.164	12.38		
4.19	78.80	17.01	9.19	0.094	90.72		136
3.08	79.50	17.42	9.35	0.106	90.55		
7.53	76.60	15.87	17.15	0.140	82.71		
10.52	75.22	14.26	22.70	0.110	77.19		
15.45	72.70	11.85	33.49	0.140	66.37		
14.80	72.84	12.36	34.90	0.120	64.98		
25.07	66.90	8.03	59.23	0.200	40.57		
30.30	65.05	4.65	71.51	0.240	28.25		
37.54	59.50	2.96	90.14	0.309	9.56		
4.29	72.09	23.62	8.48	0.168	91.35		204
10.06	68.80	21.14	17.00	0.254	82.75		
16.31	65.75	17.94	27.38	0.220	72.40		
22.21	63.35	14.44	38.49	0.197	61.31		
26.49	60.60	12.91	45.44	0.250	54.31		
34.66	55.44	9.90	61.23	0.240	38.53		
43.16	51.32	5.52	77.02	0.357	22.63		
49.40	47.41	3.19	89.58	0.442	9.98		
6.31	65.90	27.79	8.95	0.258	90.79		272
11.60	62.50	25.90	16.02	0.270	83.71		
18.25	58.76	22.99	25.90	0.300	73.80		
28.70	52.60	18.70	42.16	0.470	57.37		
38.10	47.75	14.15	58.86	0.402	40.74		
48.00	42.80	9.20	73.84	0.543	25.62		

Таблица № 1793 (продолжение)

Состав жидкости, мол. %			Состав пара, мол.			t	P, ата
метан	декан	азот	метан	декан	азот		
56.00	38.40	5.60	83.82	0.890	15.29	71.1	272
10.58	56.30	33.12	14.81	0.520	84.67		340
18.00	52.33	29.67	24.45	0.550	75.00		
26.00	48.00	26.00	35.50	0.645	63.86		
34.20	43.50	22.30	44.53	0.842	54.63		
41.50	40.60	17.90	55.20	0.760	44.04		
51.10	35.80	13.10	69.05	0.850	30.10		
58.30	30.60	11.10	76.85	0.953	22.20		
63.60	28.50	7.90	82.75	1.250	16.00		
67.50	26.20	6.30	87.64	1.478	10.88		
72.90	22.40	4.70	88.30	3.307	8.39	104.4	
1.74	88.30	9.96	7.75	0.310	91.94		68
4.30	87.00	8.70	19.77	0.270	79.96		
6.33	85.25	8.42	27.70	0.323	71.98		
8.05	84.75	7.20	36.06	0.340	63.60		
11.67	83.10	5.23	51.40	0.340	48.26		
16.04	80.85	3.11	62.76	0.388	36.85		
19.46	77.68	2.86	77.38	0.460	22.16		
21.98	77.06	0.96	93.10	0.510	6.39		
2.02	79.50	18.48	5.16	0.360	94.48		136
5.64	77.78	16.58	12.12	0.416	87.47		
8.82	76.10	15.08	23.72	0.550	75.73		
17.80	70.60	11.60	42.00	0.500	57.50		
19.58	69.10	11.32	46.30	0.510	53.19		
24.20	68.18	7.62	61.70	0.555	37.74		
30.70	64.50	4.80	76.00	0.430	23.57		
35.70	61.30	3.00	86.17	0.790	13.04		
37.30	60.90	1.80	92.32	0.745	6.93		
0.00	70.70	22.70	12.95	0.500	86.55		204
12.80	66.80	20.40	26.65	0.500	72.85		
17.80	65.20	17.00	34.38	0.440	65.18		
29.08	58.20	12.72	52.68	0.884	46.44		
35.00	55.70	9.30	66.38	0.940	32.68		
45.70	49.20	5.10	85.50	1.070	13.43		
51.60	47.00	1.40	96.08	1.313	2.61		
53.50	44.60	1.90	96.33	1.018	2.65		
8.04	64.00	27.96	13.54	0.740	85.72		272
16.50	59.20	24.30	25.25	1.034	73.72		
21.80	56.40	21.80	35.02	0.587	64.39		
33.10	49.70	17.20	51.75	0.892	47.36		
42.70	45.00	12.30	67.12	1.400	31.48		
51.25	40.80	7.95	77.51	1.565	20.93		
62.50	34.80	2.70	91.72	1.680	6.60		
13.50	54.40	32.10	18.00	1.02	80.98		340
19.40	50.60	30.00	28.00	1.11	70.89		
27.80	45.80	26.40	37.52	1.00	61.48		
34.59	43.75	21.66	47.30	1.28	51.42		
44.80	36.80	18.40	61.27	1.32	37.41		
51.40	33.80	14.80	68.15	1.11	30.74		
58.09	30.17	11.74	76.08	2.42	21.50		

Таблица № 1793 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	Р. ата
метан	декан	азот	метан	декан	азот		
60.00	28.70	11.30	78.85	3.25	17.90	104.4	340
62.30	26.70	11.00	79.22	4.423	16.36		
64.00	26.25	9.75	79.89	4.325	15.79		
66.20	25.10	8.70	80.88	5.23	13.89		
66.60	24.85	8.55	82.10	6.04	11.86		
73.65	20.50	5.85	82.43	7.06	10.51		
2.16	88.45	9.39	10.13	0.670	89.20	137.8	68
5.32	86.65	8.03	25.04	0.710	74.25		
8.39	84.45	7.16	37.37	0.774	61.86		
12.00	82.95	5.05	55.32	0.684	44.00		
15.30	81.40	3.30	69.20	0.814	29.99		
18.15	80.10	1.75	82.70	0.900	16.40		
20.18	78.80	1.12	91.75	1.080	7.17		
22.05	77.62	0.33	96.57	1.250	2.18		
3.50	78.30	18.20	9.66	0.81	89.53		136
7.40	76.20	16.40	20.25	0.68	79.07		
10.22	74.30	15.48	27.26	0.80	71.94		
14.80	72.80	12.40	35.98	1.07	62.95		
19.43	70.10	10.47	48.44	0.96	50.60		
22.50	68.50	9.00	61.63	0.90	37.47		
28.20	66.20	5.60	71.78	0.98	27.24		
32.60	63.70	3.70	83.91	0.445	15.65		
36.00	62.60	1.40	91.14	1.20	7.66		
5.92	70.20	23.88	11.75	1.08	87.17		204
8.07	69.00	22.93	16.05	0.79	83.16		
15.50	65.15	19.35	30.32	0.86	68.82		
16.05	63.03	20.92	32.90	0.724	66.38		
23.30	59.40	17.30	46.50	0.878	52.62		
33.00	56.00	11.00	65.27	1.120	33.61		
38.50	53.60	7.90	77.50	1.020	21.48		
42.50	52.20	5.30	83.64	1.033	15.33		
50.50	47.30	2.20	92.07	1.530	6.40		
3.27	65.60	31.13	5.60	0.96	93.44		272
10.15	60.80	29.05	17.95	0.99	81.06		
15.65	58.80	25.55	25.30	0.90	73.80		
19.60	56.40	24.00	33.10	1.57	65.33		
28.75	52.00	19.25	46.76	1.52	51.72		
39.34	45.90	14.76	65.50	1.44	33.06		
46.37	42.13	11.50	72.00	1.60	26.40		
53.79	38.92	7.29	80.60	1.85	17.55		
63.00	34.00	3.00	90.30	3.80	5.90		
6.70	56.00	37.30	10.21	1.68	88.11		340
14.10	52.50	33.40	24.64	1.57	73.79		
22.10	49.80	28.10	36.67	3.29	60.04		
31.30	42.60	26.10	50.59	4.38	45.03		
42.40	36.90	20.70	61.28	3.77	34.95		
48.20	33.70	18.10	68.67	6.39	24.94		
58.60	28.50	12.90	73.90	7.03	19.07		
63.20	25.30	11.50	76.22	8.00	15.78		
65.60	26.80	8.60	77.06	8.76	14.18		



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
двуокись углерода	закись азота	этилен	двуокись углерода	закись азота	этилен		
100	0	0	100	0	0	3.5	38.23
0	100	0	0	100	0		33.78
0	0	100	0	0	100		43.81
80	20	0	—	—	—		37.3
—	—	—	80	20	0		36.8
60	40	0	—	—	—		36.4
—	—	—	60	40	0		36.1
40	60	0	—	—	—		35.5
—	—	—	40	60	0		35.3
20	80	0	—	—	—		34.7
—	—	—	20	80	0		34.6
80	0	20	—	—	—		42.96
—	—	—	80	0	20		41.91
60	0	40	—	—	—		45.92
—	—	—	60	0	40		45.22
40	0	60	—	—	—		46.86
—	—	—	40	0	60		46.73
20	0	80	—	—	—		46.25
—	—	—	20	0	80		46.00
0	80	20	—	—	—		37.38
—	—	—	0	80	20		36.77
0	60	40	—	—	—		39.99
—	—	—	0	60	40		39.37
0	40	60	—	—	—		41.84
—	—	—	0	40	60		41.62
0	20	80	—	—	—		43.60
—	—	—	0	20	80		43.09
60	20	20	—	—	—		41.88
—	—	—	60	20	20		40.43
40	40	20	—	—	—		40.62
—	—	—	40	40	20		39.53
40	20	40	—	—	—		44.05
—	—	—	40	20	40		43.21
20	60	20	—	—	—		39.08
—	—	—	20	60	20		37.97
20	40	40	—	—	—		41.94
—	—	—	20	40	40		40.89
20	20	60	—	—	—		44.39
—	—	—	20	20	60		43.83
100	0	0	100	0	0	10	44.93
0	100	0	0	100	0		39.60
80	20	0	—	—	—		43.9
—	—	—	80	20	0		43.7
00	40	0	—	—	—		43.1
—	—	—	60	40	0		42.8
40	60	0	—	—	—		42.0
—	—	—	40	60	0		41.8
20	80	0	—	—	—		40.9
—	—	—	—	—	—		

Таблица № 1794 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
диоксид углерода	азот	этилен	диоксид углерода	азот	этилен		
—	—	—	20	80	0	10	40.7
80	0	20	—	—	—		50.10
—	—	—	80	0	20		49.17
60	0	40	—	—	—		53.45
—	—	—	60	0	40		52.80
40	0	60	—	—	—		54.32
—	—	—	40	0	60		54.09
20	0	80	—	—	—		53.48
—	—	—	20	0	80		53.31
0	80	20	—	—	—		43.66
—	—	—	0	80	20		43.00
0	60	40	—	—	—		46.47
—	—	—	0	60	40		46.03
0	40	60	—	—	—		48.47
—	—	—	0	40	60		48.17
0	20	80	—	—	—		50.06
—	—	—	0	20	80		49.78
60	20	20	—	—	—		48.84
—	—	—	60	20	20		47.56
40	40	20	—	—	—		47.33
—	—	—	40	40	20	15.0	46.35
40	20	40	—	—	—		51.17
—	—	—	40	20	40		50.65
20	60	20	—	—	—		45.56
—	—	—	20	60	20		44.64
20	40	40	—	—	—		48.75
—	—	—	20	40	40		47.87
20	20	60	—	—	—		51.49
—	—	—	20	20	60		51.05
100	0	0	100	0	0		50.60
0	100	0	0	100	0		44.51
80	20	0	—	—	—		49.0
—	—	—	80	20	0		49.4
60	40	0	—	—	—		48.4
—	—	—	60	40	0		48.2
40	60	0	—	—	—		47.2
—	—	—	40	60	0		47.0
20	80	0	—	—	—		45.9
—	—	—	20	80	0		45.7
80	0	20	—	—	—		56.40
—	—	—	80	0	20		55.73
60	0	40	—	—	—		59.63
—	—	—	60	0	40		59.42
0	80	20	—	—	—		48.79
—	—	—	0	80	20		48.28
0	60	40	—	—	—		52.29
—	—	—	0	60	40		51.62
0	40	60	—	—	—		54.51
—	—	—	0	40	60		53.69

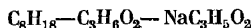
Таблица № 1794 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
двуокись углерода	закись азота	этилен	двуокись углерода	закись азота	этилен		
60	20	20	—	—	—	15.0	54.80
—	—	—	60	20	20		53.81
40	40	20	—	—	—		53.00
—	—	—	40	40	20		52.10
40	20	40	—	—	—		57.25
—	—	—	40	20	40		56.88
20	60	20	—	—	—	20.0	51.05
—	—	—	20	60	20		50.23
20	40	40	—	—	—		54.49
—	—	—	20	40	40		53.95
100	0	0	100	0	0		56.53
0	100	0	0	100	0		49.85
80	20	0	—	—	—		55.64
—	—	—	80	20	0		55.50
60	40	0	—	—	—		54.53
—	—	—	60	40	0		54.36
40	60	0	—	—	—		53.15
—	—	—	40	60	0		53.01
20	80	0	—	—	—		51.72
—	—	—	20	80	0		51.57
80	0	20	—	—	—		63.18
—	—	—	80	0	20		62.59
60	20	20	—	—	—		61.26
—	—	—	60	20	20		60.57
40	40	20	—	—	—		59.18
—	—	—	40	40	20		58.50
20	60	20	—	—	—		56.91
—	—	—	20	60	20		56.28

№ 1795

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ОКТАН—ПРОПИОНОВАЯ КИСЛОТА—ПРОПИОНАТ НАТРИЯ



Состав жидкости, " мол. %			Состав пара, мол. %		t	P
октан	пропионовая кислота	пропионат натрия	октан	пропионовая кислота		
42.1	57.9	Насыщенный раствор	81.4	18.6	127.2	750
43.2	56.8		82.2	17.8	127.0	
61.5	38.5		84.4	15.6	125.2	
74.4	25.6		88.5	11.5	—	
86.4	13.6		90.5	9.5	124.7	
86.5	13.5		90.1	9.9	124.7	
94.3	5.7		92.1	7.9	124.0	
98.1	1.9		95.3	4.7	124.4	

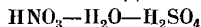
* Состав жидкости рассчитан без учета содержащейся в ней соли.

АЗОТНАЯ КИСЛОТА—ФОСФОРНАЯ КИСЛОТА—ВОДА
 $\text{HNO}_3\text{—H}_3\text{PO}_4\text{—H}_2\text{O}$

Состав жидкости, вес. %			Состав пара, вес. %		<i>t</i>	<i>P</i>
азотная кислота	фосфорная кислота	вода	азотная кислота	вода		
26.75	19.9	53.35	6.1	93.9	Нет данных	716
27.7	20.4	51.9	7.4	92.6		
29.0	20.95	50.05	8.3	91.7		
30.45	21.55	48.0	10.1	89.9		
32.15	22.05	45.8	12.6	87.4		
33.9	22.55	43.55	15.8	84.2		
36.05	22.8	41.15	19.1	80.9		
38.25	23.0	38.75	23.3	76.7		
40.9	22.7	36.4	27.9	72.1		
43.6	22.35	34.05	32.0	68.0		
45.15	21.95	32.9	33.5	66.5		



Состав жидкости, вес. %			Содержание азотной кислоты в парах, вес. %	<i>t</i>	<i>P</i>
серная кислота	азотная кислота	вода			
0.0	50.6	49.4	11.10	117.6	760
6.5	47.2	46.3	20.78	119.8	
10.3	43.7	46.0	28.65	121.2	
19.0	39.8	41.2	35.35	124.4	
28.9	36.1	35.0	58.00	127.9	
79.6	0.0	20.4	0.0	132.0	
49.6	4.1	46.3	44.40	128.1	
50.2	7.6	42.2	12.82	127.2	
38.0	15.8	46.2	28.80	126.0	
31.6	26.8	41.6	49.50	125.2	
35.5	29.5	35.0	65.00	129.0	
48.0	17.0	35.0	99.80	136.2	



Состав жидкости, мол. %			Состав пара, мол. %		<i>t</i>	<i>P</i>
азотная кислота	вода	серная кислота	азотная кислота	вода		
3.80	71.80	24.40	23.1	76.9	116.0	300
4.80	83.00	12.20	8.0	92.0	98.0	
4.88	86.12	9.00	1.2	98.8	89.0	
6.00	77.60	16.40	12.4	87.6	104.0	

Таблица № 1798 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	Р
азотная кислота	вода	серная кислота	азотная кислота	вода		
6.50	68.40	25.10	38.3	61.7	116.5	300
7.20	62.60	30.20	72.5	27.5	121.0	
8.27	86.37	5.36	0.94	99.0	85.0	
8.40	76.90	14.70	12.9	87.1	102.0	
9.00	71.20	19.80	31.4	68.6	106.5	
9.08	88.42	2.50	1.77	98.3	87.0	
10.25	79.70	10.05	0.4	99.6	94.5	
11.10	74.30	14.60	43.9	56.1	105.0	
12.30	66.70	21.00	75.9	24.1	106.0	
14.10	79.54	6.36	3.0	97.0	93.5	
14.10	58.10	27.80	98.6	1.4	95.0	
14.60	56.00	29.40	94.2	5.8	105.0	
16.20	81.03	2.77	6.35	93.7	92.0	
16.70	52.70	30.60	99.8	0.2	103.0	
16.80	76.90	6.30	10.9	89.1	96.0	
18.10	70.30	11.60	37.4	62.6	98.0	
18.50	65.60	15.90	76.7	23.3	100.0	
21.20	76.01	2.79	15.2	84.8	97.0	
21.70	71.52	6.78	37.8	62.2	97.0	
23.50	58.20	18.30	97.4	2.6	71.5	
23.50	50.80	25.70	93.3	6.7	80.0	
24.20	63.50	12.30	78.4	21.6	97.6	
27.20	69.44	3.36	27.5	72.5	96.0	
30.30	61.67	8.03	58.2	41.8	94.0	
31.90	64.50	3.60	51.8	48.2	95.0	
33.30	25.90	40.80	99.8	0.2	71.0	
40.60	26.90	32.50	99.0	1.0	66.5	
41.70	52.94	5.36	85.0	15.0	89.0	
47.40	35.40	17.20	99.3	0.69	71.0	
49.00	41.17	9.83	90.9	9.13	71.5	
51.80	43.42	4.78	96.5	3.5	78.5	
3.10	73.60	23.30	23.0	77.0	127.3	440
4.79	86.23	8.98	0.88	99.1	100.0	
5.40	78.30	16.30	12.1	87.9	114.5	
6.20	80.00	13.80	8.3	91.7	106.0	
6.70	68.20	25.10	37.9	62.1	127.5	
7.70	60.00	32.30	71.4	28.6	132.0	
8.42	86.06	5.53	0.94	99.0	97.5	
8.50	76.80	14.70	13.4	86.6	111.0	
9.00	72.00	19.00	31.4	68.6	116.0	
9.58	80.89	9.53	0.42	99.6	104.5	
9.80	87.63	2.57	1.25	98.7	95.0	
11.00	74.60	14.40	43.8	56.2	112.0	
12.70	65.30	22.00	75.7	24.3	116.0	
13.70	57.20	29.10	93.3	6.7	116.0	
14.90	78.61	6.49	3.0	97.0	103.0	
16.70	52.70	30.60	99.8	0.2	103.0	
17.30	71.20	11.50	34.7	65.3	108.0	
17.30	76.30	6.40	10.8	89.2	106.0	

Таблица № 1798 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
азотная кислота	вода	серная кислота	азотная кислота	вода		
17.90	45.90	36.20	98.6	1.4	106.0	440
18.20	78.83	2.97	6.7	93.3	80.0	
18.60	65.40	16.00	76.3	23.7	105.5	
20.50	72.51	6.99	37.3	62.7	106.0	
22.30	52.70	25.00	93.4	6.6	89.0	
24.00	58.20	17.80	94.5	5.5	82.0	
24.50	72.20	3.30	20.9	79.1	104.5	
24.60	63.00	12.40	77.9	22.1	102.5	
26.30	70.32	3.38	22.4	77.6	104.0	
30.60	61.42	7.98	56.6	43.4	104.5	
31.10	65.35	3.55	47.6	52.4	103.5	
32.80	28.00	39.20	99.8	0.2	82.5	
35.30	61.34	3.36	77.9	22.1	102.0	
38.10	31.40	30.50	99.3	0.7	80.0	
46.00	36.80	17.20	98.5	1.5	82.5	
48.40	41.90	9.70	88.8	11.2	84.5	550
49.90	45.57	4.53	93.9	6.1	89.0	
3.00	73.80	23.20	21.7	78.3	135.0	
4.70	80.72	8.58	0.7	99.3	107.5	
4.90	82.30	12.80	7.5	92.5	114.0	
5.50	77.90	16.60	12.1	87.9	120.5	
6.70	68.00	25.30	37.5	62.5	135.0	
8.30	59.90	31.80	69.8	30.2	137.5	
8.52	85.77	5.71	0.96	99.0	93.0	
8.70	77.00	14.30	13.4	86.6	117.5	
8.90	72.70	18.40	30.0	70.0	122.5	
10.14	80.30	9.56	3.8	96.2	111.5	
11.00	73.70	15.30	41.2	58.8	118.0	
12.80	65.30	21.90	74.3	25.7	122.0	
13.90	80.12	5.98	3.0	97.0	110.0	
14.00	55.90	30.10	93.6	6.4	124.0	
15.60	54.20	30.20	96.5	3.5	110.0	
17.20	71.40	11.40	31.8	68.2	114.5	
17.40	75.92	6.68	10.4	89.6	112.0	
17.70	44.90	37.40	98.0	1.4	112.5	
17.80	79.31	2.89	5.26	94.8	107.5	
18.90	65.00	16.10	74.7	25.3	110.0	
20.90	72.25	6.85	35.7	64.3	112.0	
23.00	51.60	25.40	90.5	9.5	100.0	
24.00	58.30	17.70	87.3	12.7	102.5	
25.00	61.90	13.10	76.7	23.3	110.0	
30.00	62.32	7.68	57.9	42.1	110.0	
31.90	64.47	3.63	46.6	53.4	110.0	
33.90	26.70	39.40	96.6	3.4	89.0	
37.50	32.50	30.00	98.6	1.4	86.5	
44.60	39.10	16.30	98.3	1.7	83.0	
46.50	49.18	4.32	77.1	22.9	97.5	
48.40	41.90	9.70	88.8	11.2	91.5	
53.40	41.73	4.87	90.8	9.2	92.5	

Таблица № 1798 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
азотная кислота	вода	серная кислота	азотная кислота	вода		
3.10	73.40	23.50	20.9	79.1	145.0	760
4.90	81.90	13.20	7.2	92.8	124.0	
4.90	86.18	8.92	0.59	99.4	116.0	
5.50	76.90	17.60	17.2	82.8	130.0	
6.50	68.20	25.30	36.7	63.3	145.0	
7.30	62.50	30.20	71.0	29.0	147.0	
7.70	79.20	13.10	13.6	86.4	127.0	
8.43	85.81	5.76	0.9	99.1	113.0	
8.90	72.10	19.00	30.0	70.0	133.5	
9.05	81.15	9.80	3.0	97.0	121.5	
9.79	87.73	2.48	1.21	98.8	110.0	
10.50	72.20	17.30	41.0	59.0	128.0	
12.80	65.20	22.00	72.0	28.0	130.0	
13.60	57.30	29.10	8.2	91.8	134.0	
13.80	80.30	5.90	3.0	97.0	119.5	
15.80	53.30	30.90	95.9	4.1	120.0	
17.10	76.60	6.30	10.3	89.7	122.0	
17.60	45.90	36.50	97.1	2.9	118.0	
17.70	71.30	11.00	32.8	67.2	124.0	
18.20	78.92	2.88	4.98	95.0	117.0	
20.50	62.30	17.2	73.2	26.8	119.5	
21.60	71.64	6.76	33.9	66.1	122.0	
23.00	73.61	3.39	13.8	86.2	121.0	
23.10	52.40	24.5	91.8	8.2	110.0	
23.60	58.40	18.0	95.0	5.0	110.0	
23.80	78.00	3.2	15.2	84.8	121.2	
25.30	61.70	13.0	75.5	24.5	120.0	
25.70	70.94	3.36	22.3	77.7	121.5	
26.10	70.56	3.34	26.7	73.3	121.0	
30.40	61.78	7.82	54.2	45.8	120.0	
31.50	31.10	37.40	99.7	0.3	99.0	
33.30	62.72	3.98	46.2	53.8	120.5	
36.10	60.83	3.07	86.2	13.8	117.5	
40.30	28.50	31.20	97.2	2.8	97.5	
43.90	40.70	15.40	97.1	2.9	99.0	
48.80	41.28	9.92	87.8	12.2	120.5	
52.80	42.04	5.16	88.8	11.2	102.0	

№ 1799 АЗОТНАЯ КИСЛОТА—ВОДА—СЕРНАЯ КИСЛОТА [713]
 $\text{HNO}_3\text{—H}_2\text{O—H}_2\text{SO}_4$

Состав жидкости, вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	серная кислота	азотная кислота	вода		
1.09	20.01	68.90	58.36	41.61	35	2.0
3.34	28.16	68.50	82.56	17.44		3.0
4.35	25.45	70.20	84.50	15.50		2.0
8.68	24.27	67.05	95.50	4.50		3.0

Таблица № 1799 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	серная кислота	азотная кислота	вода		
24.24	39.71	36.05	46.19	53.81	35	11.2
28.21	35.66	36.13	94.33	5.67		9.0
30.57	33.38	33.05	76.43	23.57		—
33.46	30.32	36.22	85.98	14.02		10.0
40.60	42.31	17.09	36.26	63.74		13.7
42.75	39.21	18.04	48.80	51.20		12.8
44.52	37.49	17.99	56.48	43.52		11.5
50.80	30.95	18.25	80.45	19.55		13.5
60.63	39.37	0.00	43.94	56.06		16.3
63.62	36.38	0.00	55.20	44.80		16.0
66.13	33.87	0.00	65.37	34.63		14.5
66.83	33.17	0.00	67.89	32.11		13.5
67.67	32.33	0.00	70.39	29.61		14.5
67.98	30.02	2.00	77.11	22.89		14.5
69.90	30.10	0.00	77.42	22.58		14.5

№ 1800 АЗОТНАЯ КИСЛОТА—СЕРНАЯ КИСЛОТА—ВОДА [509]

$\text{HNO}_3\text{—H}_2\text{SO}_4\text{—H}_2\text{O}$

Состав жидкости, мол. %			Состав пара, мол. %		t	P
азотная кислота	серная кислота	вода	азотная кислота	вода		
0.15	43.30	56.55	4.70	95.30	198.3	760
0.32	41.60	58.08	10.00	90.00	196.6	
0.54	43.60	55.86	19.73	80.27	197.9	
0.81	44.80	54.39	29.55	70.45	196.6	
0.96	43.50	55.54	34.60	65.40	193.9	
1.12	44.60	54.28	53.80	46.20	195.6	
0.19	30.20	69.61	2.58	97.42	161.4	
0.45	29.60	69.95	5.86	94.14	163.0	
0.62	30.91	68.47	9.47	90.53	165.0	
0.87	30.70	68.43	13.30	86.70	165.8	
1.39	31.00	67.61	21.00	79.00	164.6	
2.13	31.38	66.49	34.66	65.34	162.0	
3.10	32.80	64.10	53.00	47.00	152.2	
5.30	32.70	62.00	77.30	22.70	144.5	
6.60	34.90	58.50	95.60	4.40	137.5	
0.45	21.70	77.85	2.08	97.92	140.5	
0.94	21.39	77.67	4.58	95.42	138.0	
1.51	22.80	75.69	7.90	92.10	141.5	
2.37	23.35	74.28	13.30	86.70	142.2	
3.70	23.70	72.60	25.20	74.80	141.35	
5.94	25.00	69.06	45.10	54.90	137.6	
7.72	25.10	67.18	59.30	40.70	134.4	
10.38	27.20	62.42	84.45	15.55	129.4	

Таблица № 1800 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	p
азотная кислота	серная кислота	вода	азотная кислота	вода		
1.17	15.90	82.93	1.93	98.07	124.1	760
2.26	15.70	82.04	3.84	96.16	124.95	
4.96	17.50	77.54	13.50	86.50	129.5	
7.79	18.37	73.84	29.50	70.50	132.3	
7.20	18.15	74.65	42.96	57.04	131.2	
11.40	20.00	68.60	57.50	42.50	130.1	
18.80	23.40	57.80	93.70	6.30	123.0	
22.80	24.90	52.30	97.70	2.30	115.9	
3.01	10.96	86.03	1.89	98.11	115.3	
4.35	11.00	84.65	3.36	96.64	116.9	
5.93	11.20	82.87	5.26	94.74	118.5	
8.13	11.97	79.90	9.80	90.20	121.3	
11.47	12.86	75.67	20.02	79.98	123.1	
13.50	13.10	73.40	26.20	73.80	125.1	
17.41	14.57	68.02	48.46	51.54	125.7	
20.75	14.90	64.35	63.61	36.39	125.25	
29.40	17.40	53.20	92.50	7.50	112.5	
6.22	5.00	88.78	0.15	99.85	109.9	
9.57	5.47	84.96	3.11	96.89	112.8	
13.50	5.90	80.60	7.03	92.97	115.8	
17.50	6.52	75.98	14.70	85.30	118.7	
21.71	6.69	71.60	26.58	73.42	121.25	
26.30	7.06	66.64	44.50	55.50	122.2	
33.16	7.93	58.91	74.74	25.26	117.4	
18.20	2.10	79.70	7.00	93.00	114.3	
19.60	2.16	78.24	8.75	91.25	115.5	
33.10	2.70	64.20	35.20	64.80	120.2	
37.50	2.50	60.00	46.50	53.50	120.0	
51.00	3.00	46.00	85.60	14.40	110.0	

№ 1801

[898]

АЗОТНАЯ КИСЛОТА—ХЛОРИСТЫЙ ВОДОРОД—ВОДА
HNO₃—HCl—H₂O

Состав жидкости, мол. %			Состав пара, мол. %			t	p
азотная кислота	хлористый водород	вода	азотная кислота	хлористый водород	вода		
0.46	4.28	95.26	0.036	0.249	99.715	102.0	760
0.47	5.36	94.17	0.058	0.560	99.382	103.0	
0.48	2.16	97.36	0.013	0.033	99.954	100.2	
0.49	3.22	96.29	0.015	0.108	99.877	101.5	
0.53	6.34	93.13	0.135	1.21	98.655	103.8	
0.72	6.88	92.40	0.254	1.81	97.906	103.5	
0.86	5.02	94.12	0.083	0.558	99.359	102.9	
0.90	4.30	94.80	0.059	0.315	99.626	102.1	

Таблица № 1801 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
азотная кислота	хлористый водород	вода	азотная кислота	хлористый водород	вода		
0.90	6.15	92.95	0.192	1.27	98.538	103.9	760
0.99	3.40	95.61	0.036	0.177	99.787	101.7	
1.25	5.59	93.16	0.225	0.985	98.790	103.5	
1.31	6.17	92.52	0.381	2.22	97.399	101.7	
2.45	2.25	95.30	0.094	0.127	99.779	102.0	
2.80	0.381	96.73	0.042	0.009	99.949	100.7	
3.26	0.832	95.91	0.073	0.033	99.894	101.2	
3.32	2.98	93.70	0.281	0.389	99.330	103.0	
3.81	3.62	92.57	0.532	0.825	98.643	104.1	
4.34	0.382	95.27	0.125	0.027	99.848	101.8	
5.67	0.388	93.94	0.234	0.468	99.298	102.8	
6.00	0.850	93.15	0.329	0.152	99.519	103.2	
6.97	0.385	92.65	0.398	0.087	99.515	104.8	
6.99	1.10	91.91	0.737	0.318	98.945	104.1	
7.07	0.665	92.26	0.537	0.244	99.219	103.9	
8.11	0.488	91.40	0.628	0.174	99.198	104.2	

№ 1802

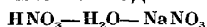
АЗОТНАЯ КИСЛОТА—ВОДА—НИТРАТ ЛИТИЯ

[523]



Состав жидкости, + вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	нитрат лития	азотная кислота	вода		
50.34	49.68	0.0	11.33	88.67	25	10.24
55.18	44.82	0.0	23.85	76.15		8.92
59.94	40.06	0.0	38.36	61.64		7.86
50.34	49.66	3.33	15.55	84.45		9.15
55.18	44.82	3.33	28.04	71.96		8.73
59.94	40.06	3.33	41.84	58.16		7.45
50.34	49.66	6.455	19.48	80.52		8.51
55.18	44.82	6.455	33.26	66.74		8.21
59.94	40.06	6.455	48.38	51.62		7.13

+ Состав жидкости рассчитан без учета содержащейся в ней соли.



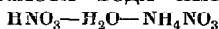
Состав жидкости,* вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	нитрат натрия	азотная кислота	вода		
50.34	49.66	0.0	11.33	88.67	25	10.24
55.18	44.82	0.0	23.85	76.15		8.92
59.94	40.06	0.0	38.36	61.64		7.86
50.34	49.66	4.08	11.94	88.06		9.89
55.18	44.82	4.08	25.36	74.64		8.65
59.94	40.06	4.08	39.59	60.41		7.40

* Состав жидкости рассчитан без учета содержащейся в ней соли.



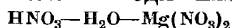
Состав жидкости,* вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	нитрат калия	азотная кислота	вода		
50.34	49.66	0.0	11.33	88.67	25	10.24
55.18	44.82	0.0	23.85	76.15		8.92
59.94	40.06	0.0	38.36	61.64		7.86
50.34	49.66	4.81	10.21	89.79		9.95
55.18	44.82	4.81	21.59	78.41		8.99
59.94	40.06	4.81	34.79	65.21		7.86
50.34	49.66	9.19	9.42	90.58		9.82
55.18	44.82	9.19	19.84	80.16		9.02
59.94	40.06	9.19	31.20	68.80		7.80

* Состав жидкости рассчитан без учета содержащейся в ней соли.



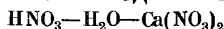
Состав жидкости,* вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	нитрат аммония	азотная кислота	вода		
50.34	49.66	0.0	11.33	88.67	25	10.24
55.18	44.82	0.0	23.85	76.15		8.92
50.34	49.66	7.41	11.27	88.73		9.87
55.18	44.82	7.41	20.74	79.26		9.05
50.34	49.66	13.79	10.52	89.48		9.74
55.18	44.82	13.79	18.05	81.95		8.88

* Состав жидкости рассчитан без учета содержащейся в ней соли.



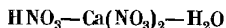
Состав жидкости,* вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	нитрат магния	азотная кислота	вода		
50.34	49.66	0.0	11.33	88.67	25	10.24
59.94	40.06	0.0	38.36	61.64		7.86
50.40	49.60	6.90	21.29	78.71		8.48
60.08	39.92	6.90	55.85	44.15		7.14

* Состав жидкости рассчитан без учета содержащейся в ней соли.



Состав жидкости,* вес. %			Состав пара, вес. %		t	P
азотная кислота	вода	нитрат кальция	азотная кислота	вода		
50.34	49.66	0.0	11.33	88.67	25	10.24
55.18	44.82	0.0	23.85	76.15		8.92
59.94	40.06	0.0	38.36	61.64		7.86
59.94	40.06	3.94	43.29	56.71		7.72
50.34	49.66	7.58	16.79	83.21		9.08
55.18	44.82	7.58	30.22	69.78		8.50
59.94	40.06	7.58	47.26	52.74		7.52
50.34	49.66	10.95	19.59	80.41		8.63
55.18	44.82	10.95	33.97	66.03		8.13
59.94	40.06	10.95	52.90	47.10		7.29
59.94	40.06	14.09	58.42	41.58		7.09
59.94	40.06	17.01	62.99	37.01		6.85
55.18	44.82	19.74	50.61	49.39		7.23

* Состав жидкости рассчитан без учета содержащейся в ней соли.



Состав жидкости, мол. %			Состав пара, мол. %		t	P
азотная кислота	нитрат кальция	вода	азотная кислота	вода		
56.4	0.0	43.6	39.0	61.0	120.0	750
52.4	4.35	43.25	39.0	61.0	120.2	
50.4	7.05	42.55	43.0	57.0	120.5	
51.5	7.8	40.7	48.0	52.0	120.5	
50.6	11.5	37.9	53.8	46.2	122.0	

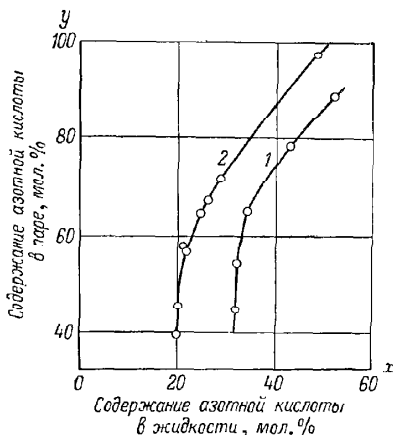
Таблица № 1808 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
азотная кислота	нитрат кальция	вода	азотная кислота	вода		
48.3	17.5	34.2	54.5	45.5	123.0	750
46.5	18.3	35.2	61.0	39.0	122.5	
45.5	20.6	33.9	62.0	38.0	123.0	
44.1	24.6	31.3	69.0	31.0	122.0	
42.5	27.2	30.3	70.9	29.1	122.0	
41.0	29.1	29.9	72.0	28.0	123.0	

№ 1809

АЗОТНАЯ КИСЛОТА—ПИТРАТ КАДМИЯ—ВОДА

[289]



P = 750 мм

1 — содержание $\text{Cd}(\text{NO}_3)_2$ в растворе 60 вес. %;2 — содержание $\text{Cd}(\text{NO}_3)_2$ в растворе 70 вес. %.

№ 1810

СЕРОВОДОРОД—АММИАК—ВОДА

[198]



Состав жидкости, вес. %			Состав пара, вес. %			t	P
серо-водород	аммиак	вода	серо-водород	аммиак	вода		
2.0	4.0	94.0	24.1	33.1	42.8	70	760
3.0	5.5	91.5	31.9	36.0	32.1		
4.0	6.3	89.7	40.4	34.2	25.4		
5.0	7.1	87.9	48.1	31.2	20.7		

Таблица № 1810 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
серо- водород	аммиак	вода	серо- водород	аммиак	вода		
6.0	7.5	86.5	55.4	27.6	17.0	70	760
7.0	8.0	85.0	61.0	24.2	14.8		
8.0	8.3	83.7	66.1	21.2	12.7		
9.0	8.5	82.5	70.9	18.1	11.0		
10.0	8.7	81.3	75.4	15.1	9.5		
2.0	4.2	93.8	25.4	31.4	43.2	80	
3.0	5.45	91.55	33.9	33.6	32.5		
4.0	6.45	89.55	41.8	32.8	25.4		
5.0	7.1	87.9	49.5	29.7	20.8		
6.0	7.6	86.4	56.4	26.1	17.5		
7.0	7.95	85.05	62.8	22.5	14.7		
8.0	8.15	83.85	68.4	19.0	12.6		
9.0	8.35	82.65	73.9	15.5	10.6		
10.0	8.45	81.55	78.8	12.0	9.2		
1.0	3.0	96.0	12.2	22.4	65.4	90	
2.0	4.45	93.55	25.1	32.2	42.7		
3.0	5.75	91.25	32.3	35.8	31.9		
4.0	6.8	89.2	38.4	35.8	25.8		
5.0	7.6	87.4	44.7	34.0	21.3		
6.0	8.15	85.85	50.3	31.4	18.3		
7.0	8.6	84.4	55.4	28.5	16.1		
8.0	9.4	82.6	60.4	25.3	14.3		
9.0	9.35	81.65	65.4	22.1	12.5		
10.0	9.5	80.5	70.3	18.7	11.0		

№ 1811 ФТОРИСТЫЙ ВОДОРОД—ВОДА—СЕРНАЯ КИСЛОТА [200]
 $\text{HF}-\text{H}_2\text{O}-\text{H}_2\text{SO}_4$

Состав жидкости, мол. %			Состав пара, мол. %		t	P
фтористый водород	вода	серная кислота	фтористый водород	вода		
4.69	52.20	43.11	96.46	3.54	25	11.3
7.72	34.33	57.95	100.00	0.00		10.7
10.96	48.77	40.27	97.35	2.65		26.5
1.94	71.73	26.33	100.00	0.00	50	5.9
3.19	70.82	25.99	100.00	0.00		8.5
6.17	68.64	25.19	81.20	18.80		25.0
4.69	52.20	43.11	95.36	4.64	75	56.0
7.72	34.33	57.95	100.00	0.00		92.0
10.96	48.77	40.27	92.86	7.14		210.0
4.69	52.20	43.11	79.42	20.58	95	138.0
7.72	34.33	57.95	96.30	3.70		162.1
10.96	48.77	40.27	91.77	8.23		362.2
1.94	71.73	26.33	34.95	65.05	100	125.6
3.19	70.82	25.99	38.98	61.02		170.6
6.17	68.64	25.19	55.99	44.01		239.5

Таблица № 1811 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
фтористый водород	вода	серная кислота	фтористый водород	вода		
1.94	71.73	26.33	31.39	68.61	110	236.4
4.69	52.20	43.11	82.98	17.02		219.1
7.72	34.33	57.95	95.00	5.00		250.1
10.96	48.77	40.27	90.03	9.97		608.1
1.94	71.73	26.33	27.47	72.53	125	316.7
3.19	70.82	25.99	34.54	65.46		401.8
6.17	68.64	25.19	44.77	55.23		563.5

 № 1812 ХЛОРИСТЫЙ ВОДОРОД—ВОДА—СЕРНАЯ КИСЛОТА [153]
 $\text{HCl}-\text{H}_2\text{O}-\text{H}_2\text{SO}_4$

Состав жидкости, вес. %			Состав пара, вес. %		t	P
хлористый водород	вода	серная кислота	хлористый водород	вода		
1.8	94.4	3.8	0.93	99.07	25	16.68
2.5	32.6	64.9	99.75	0.25		405.0
2.5	37.9	59.6	99.42	0.58		230.3
3.3	90.4	6.3	2.40	97.60		15.38
3.3	92.9	3.8	0.99	99.01		16.48
4.8	87.5	7.7	3.51	96.49		14.76
4.9	80.3	14.8	19.70	80.30		12.87
5.4	43.9	50.7	97.95	2.05		98.5
5.4	58.7	35.9	88.66	11.34		32.49
6.1	68.1	25.8	73.20	26.80		18.81
6.7	63.1	29.1	75.34	24.66		19.64
6.9	83.1	10.0	6.02	93.98		14.03
7.1	91.7	1.2	0.97	99.03		16.58
8.4	84.2	7.4	6.34	93.66		13.95
8.8	57.5	33.7	94.25	5.75		53.05
9.1	54.2	36.7	95.57	4.43		63.6
9.1	81.4	9.5	20.53	79.47		12.88
9.4	58.9	31.7	94.64	5.36		56.1
9.6	51.1	39.3	97.26	2.74		92.2
10.2	78.6	11.2	40.85	59.15		13.29
10.4	84.9	4.7	5.73	94.27		14.11
10.7	41.2	48.1	99.85	0.15		762
12.8	64.2	24.1	94.25	5.75		53.25
13.3	47.1	39.6	99.56	0.44		365.3
13.4	51.9	34.7	98.65	1.35		158.8
13.8	60.6	25.6	96.36	3.64		74.6
14.5	77.3	8.2	72.50	27.50		18.58
15.3	83.1	1.6	5.90	94.10		14.02
15.6	50.2	34.2	99.35	0.65		277.6
15.7	70.7	13.0	93.98	0.02		51.45
16.9	68.9	14.2	94.90	5.10		58.3
16.9	78.1	5.0	71.90	28.10		18.29

Таблица № 1812 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %		t	P
хлористый водород	вода	серная кислота	хлористый водород	вода		
17.3	56.8	25.9	98.19	1.81	25	128.2
19.6	73.3	7.1	93.50	6.50		48.6
20.2	67.7	12.1	95.40	4.60		62.9
20.7	77.1	2.2	71.42	28.58		18.12
21.6	61.8	16.6	97.05	2.95		88.3
21.9	64.7	13.4	96.20	3.80		72.6
24.4	64.4	11.2	96.77	3.23		83.5
24.9	72.6	2.5	91.90	8.10		41.24
25.8	55.9	18.3	99.20	0.80		387.2
26.9	54.8	18.3	99.85	0.15		762
29.1	61.1	9.8	99.20	0.80		244.2
29.8	56.1	14.1	99.80	0.20		690.6
32.7	65.7	1.6	97.16	2.84		90.0

№ 1813 ХЛОРИСТЫЙ ВОДОРОД—СЕРНАЯ КИСЛОТА—ВОДА [229]
HCl—H₂SO₄—H₂O

Состав жидкости, мол. %			Состав пара, мол. %		t	P
хлористый водород	серная кислота	вода	хлористый водород	вода		
0.0	4.0	96.0	0.00	100.00	25	21.78
1.0	4.0	95.0	0.01	99.99		20.47
2.0	4.0	94.0	0.03	99.97		19.54
3.0	4.0	93.0	0.08	99.92		18.57
4.0	4.0	92.0	0.16	99.84		17.44
5.0	4.0	91.0	0.39	99.61		16.39
6.0	4.0	90.0	0.83	99.17		15.39
7.0	4.0	89.0	1.79	98.21		14.38
8.0	4.0	88.0	3.71	96.29		13.46
9.0	4.0	87.0	7.38	92.62		12.85
10.0	4.0	86.0	13.99	86.01		12.59
11.0	4.0	85.0	24.23	75.77		13.03
11.5	4.0	84.5	31.38	68.62		13.54
12.0	4.0	84.0	38.65	61.35		14.38
13.0	4.0	83.0	55.64	44.36		17.86
0.0	8.0	92.0	0.00	100.00	25	17.07
1.0	8.0	91.0	0.09	99.91		15.88
2.0	8.0	90.0	0.39	99.61		14.80
3.0	8.0	89.0	1.03	98.97		13.83
4.0	8.0	88.0	2.45	97.55		12.89
5.0	8.0	87.0	5.44	94.56		12.16
6.0	8.0	86.0	11.10	88.90		11.72
6.5	8.0	85.5	15.36	84.64		11.75
7.0	8.0	85.0	20.93	79.07		11.83
8.0	8.0	84.0	35.58	64.42		12.94
9.0	8.0	83.0	53.11	46.89		15.47

Таблица № 1813 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	p
хлористый водород	серная кислота	вода	хлористый водород	вода		
10.0	8.0	82.0	67.9	32.1	25	21.52
10.0	8.0	82.0	68.4	31.6		21.40
0.0	12.0	88.0	0.00	100.00		12.15
1.0	12.0	87.0	1.46	98.54		11.20
2.0	12.0	86.0	5.15	94.85		10.59
3.0	12.0	85.0	12.52	87.48		10.43
4.0	12.0	84.0	25.03	74.97		11.02
5.0	12.0	83.0	42.56	57.44		12.42
6.0	12.0	82.0	61.01	38.99		16.31
0.0	16.0	84.0	0.00	100.00		7.89
0.25	16.0	83.75	2.96	97.04		7.93
0.5	16.0	83.5	6.51	93.49		8.00
1.0	16.0	83.0	15.49	84.51		8.27
2.0	16.0	82.0	39.19	60.81		10.28
3.0	16.0	81.0	63.08	36.92		14.69
4.0	16.0	80.0	80.13	19.87		23.39
5.0	16.0	79.0	90.91	9.09		37.95
1.0	0.0	99.0	0.00	100.00		23.31
1.0	2.0	97.0	0.00	100.00		21.98
1.0	4.0	95.0	0.01	99.99		20.47
1.0	6.0	93.0	0.03	99.97		18.25
1.0	8.0	91.0	0.09	99.91		15.88
1.0	10.0	89.0	0.39	99.61		13.37
1.0	12.0	87.0	1.46	98.54		11.20
1.0	14.0	85.0	5.11	94.89		9.29
1.0	16.0	83.0	15.49	84.51		8.27
1.0	17.0	82.0	25.05	74.95		8.18
1.0	18.0	81.0	38.1	61.9		8.60
1.0	19.0	80.0	52.1	47.9		9.59
1.0	20.0	79.0	66.1	33.9		12.03
1.0	21.0	78.0	76.5	23.5		15.02
3.0	0.0	97.0	0.00	100.00		22.08
3.0	2.0	95.0	0.01	99.99		20.40
3.0	4.0	93.0	0.08	99.92		18.57
3.0	6.0	91.0	0.25	99.75		16.08
3.0	8.0	89.0	1.03	98.97		13.83
3.0	10.0	87.0	3.77	96.23		11.71
3.0	11.0	86.0	7.01	92.99		10.94
3.0	12.0	85.0	12.52	87.48		10.43
3.0	12.5	84.5	16.29	83.71		10.29
3.0	13.0	84.0	20.91	79.09		10.35
3.0	14.0	83.0	32.80	67.20		10.85
3.0	15.0	82.0	47.92	52.08		11.96
3.0	16.0	81.0	63.08	36.92		14.69
3.0	18.0	79.0	83.86	16.14		26.27
6.0	2.0	92.0	0.21	99.79		17.59
6.0	4.0	90.0	0.83	99.17		15.39
6.0	6.0	88.0	3.07	96.93		13.15
6.0	8.0	86.0	11.10	88.90		11.72
6.0	8.5	85.5	14.92	85.08		11.36

Таблица № 1813 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
хлористый водород	серная кислота	вода	хлористый водород	вода		
6.0	9.0	85.0	19.23	80.77	25	11.55
6.0	10.0	84.0	31.19	68.81		12.08
6.0	11.0	83.0	46.06	53.94		13.56
6.0	12.0	82.0	61.01	38.99		16.31
10.0	0.0	90.0	1.06	98.94		15.73
10.0	1.0	89.0	2.05	97.95		14.65
10.0	2.0	88.0	3.98	96.02		13.07
10.0	3.0	87.0	7.64	92.36		12.95
10.0	4.0	86.0	13.99	86.01		13.99
10.0	5.0	85.0	24.11	75.89		24.11
10.0	6.0	84.0	38.28	61.72		38.28
10.0	7.0	83.0	52.16	47.84		52.16
10.0	8.0	82.0	67.9	32.1		67.9
10.0	8.0	82.0	68.4	31.6		68.4

№ 1814 ВОДА—УКСУСНАЯ КИСЛОТА—СЕРНАЯ КИСЛОТА [621]
 $\text{H}_2\text{O}-\text{C}_2\text{H}_4\text{O}_2-\text{H}_2\text{SO}_4$

Состав жидкости, мол. %			Состав пара, мол. %		t	P
вода	уксусная кислота	серная кислота	вода	уксусная кислота		
1.51	74.38	24.11	19.56	80.44	140	761
2.51	85.03	12.46	8.46	91.54	128	761
3.26	60.54	36.20	21.99	78.01	160	761
4.21	90.74	5.05	6.67	93.33	121	761
4.29	28.17	67.54	41.12	58.88	250	761
4.53	39.63	55.84	38.29	61.71	200	761
4.93	14.74	80.33	76.92	23.08	298	761
5.20	49.92	44.88	25.18	74.82	170	761
8.11	8.44	83.45	77.77	22.23	250	761
20.61	75.07	4.32	27.02	72.98	115	759
34.83	47.04	18.13	27.02	72.98	130	760
36.11	10.84	53.05	75.32	24.68	200	760
37.07	20.22	42.71	60.91	39.09	170	762
50.92	43.48	5.60	45.29	54.71	110	761
51.36	27.22	21.42	36.85	63.15	136	762
51.49	21.14	27.37	45.14	54.86	148	762
52.69	37.46	9.85	45.14	54.86	115	762
53.80	16.29	29.91	58.82	41.18	150	762
59.46	30.65	9.89	56.77	43.23	113	761
59.68	9.34	30.98	76.78	23.22	160	762
63.14	25.26	11.60	58.47	41.53	115	762
64.18	17.93	17.89	58.58	41.42	130	760
68.51	5.48	26.01	88.60	11.40	150	762
70.19	26.57	3.24	76.92	23.08	105	761
74.80	11.33	13.87	76.85	23.15	120	760
79.04	16.60	4.36	81.43	18.57	105	760
81.21	9.82	8.97	88.70	11.30	110	761
88.48	7.15	4.37	92.98	7.02	105	763

ФТОРИСТЫЙ ВОДОРОД—КРЕМНЕФТОРИСТЫЙ ВОДОРОД—ВОДА



Состав жидкости, вес. %			Состав пара, вес. %			t	P
фтористый водород	кремне- фтористый водород	вода	фтористый водород	кремне- фтористый водород	вода		
0.22	24.1	75.7	0.16	2.55	97.3	104.4	749.3
0.76	29.7	69.5	0.16	5.33	94.5	107.3	758.9
0.85	33.2	65.9	0.17	9.75	90.1	108.8	753.5
1.89	36.2	61.9	0.19	18.0	81.8	111.4	753.9
2.69	38.3	59.0	0.27	25.9	73.8	112.7	750.2
4.40	26.0	69.6	3.32	1.37	95.3	108.1	763.2
4.60	38.0	57.4	0.06	30.7	69.2	114.3	757.2
5.60	33.7	60.7	5.19	12.3	82.5	113.1	753.1
6.33	37.9	55.8	0.98	39.1	59.9	115.2	755.8
6.51	38.5	55.0	0.24	46.3	53.5	115.5	758.4
7.56	37.3	55.1	3.61	39.3	57.1	115.3	747.0
7.86	37.2	54.9	5.45	36.4	58.1	115.3	748.9
7.90	37.0	55.1	5.43	36.5	58.1	115.7	755.7
8.30	22.7	69.0	5.98	0.46	93.5	108.4	750.1
8.88	37.9	53.2	3.46	50.2	46.3	115.5	752.6
9.13	36.7	54.2	7.76	36.1	56.1	115.7	752.2
9.28	38.1	52.6	3.65	51.8	44.5	115.2	744.1
9.83	25.8	64.4	8.55	0.40	91.0	113.5	744.4
10.1	36.0	53.9	9.84	36.0	54.2	116.1	759.7
10.8	34.2	55.0	12.8	27.4	59.8	115.9	759.8
12.5	33.0	54.5	18.3	23.3	58.4	115.3	746.8
12.9	34.4	52.7	16.7	35.4	47.9	115.6	754.3
15.4	31.6	53.0	25.6	23.4	51.0	115.4	756.7
15.6	29.8	54.6	26.9	14.1	59.0	114.9	749.3
17.3	32.9	49.8	26.7	36.8	36.5	114.2	759.6
18.6	16.4	65.0	14.3	0.59	85.1	113.3	752.5
18.6	29.0	52.4	33.7	19.9	46.4	114.8	761.3
19.6	27.2	53.2	35.4	11.8	52.8	114.9	763.1
22.9	38.7	38.4	5.2	93.2	1.6	89.5	748.5
23.9	24.5	51.6	44.8	12.0	43.2	113.4	764.5
25.3	5.3	69.4	17.3	0.11	82.6	110.0	757.3
26.1	32.4	41.5	37.3	58.2	4.5	100.9	755.9
26.7	14.9	58.4	36.4	1.21	62.4	113.2	762.1
27.6	15.3	57.1	40.4	1.63	58.0	113.2	761.0
28.3	11.6	60.1	35.0	0.10	64.9	112.5	752.8
29.8	10.1	54.1	49.9	2.38	47.7	111.9	745.4
33.0	36.0	31.0	0.6	98.4	1.0	62.5	750.8
33.6	26.0	40.4	57.6	36.7	5.7	95.9	759.0
36.3	20.7	43.0	74.6	13.9	11.5	100.1	754.1
37.2	16.7	46.1	71.6	8.87	19.5	104.4	761.0
39.1	5.0	55.9	54.1	0.41	45.5	111.2	758.1
40.5	27.5	32.0	26.5	72.6	0.9	70.1	744.2
45.7	12.0	42.3	87.7	3.98	8.3	94.0	758.3
49.2	18.6	32.2	66.6	32.2	1.1	76.2	757.5
53.1	25.3	21.6	0.92	96.0	3.1	33.7	749.6
54.1	16.5	29.4	63.0	35.1	1.9	63.8	755.1
60.0	17.1	22.9	26.3	73.0	0.7	46.9	756.9

Таблица № 1815 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			<i>t</i>	<i>P</i>
фтористый водород	кремне-фтористый водород	вода	фтористый водород	кремне-фтористый водород	вода		
60.7	8.96	30.3	92.2	2.1	5.7	67.1	756.9
69.6	9.3	21.1	43.3	56.2	0.5	46.6	760.1
70.6	11.9	17.5	5.97	93.6	0.4	32.7	749.1
92.0	0.69	7.3	77.4	21.8	0.8	25.5	750.6

№ 1816

[225]

ХЛОРИСТЫЙ ВОДОРОД—ХЛОРИСТЫЙ КАЛИЙ—ВОДА
HCl—KCl—H₂O

Состав жидкости, мол. %			Состав пара, мол. %		<i>t</i>	<i>P</i>
хлористый водород	хлористый калий	вода	хлористый водород	вода		
0.000	7.990	92.01	0.000	100.00	25.0	19.90
0.929	7.080	91.99	0.003	99.99		19.71
1.874	6.220	91.91	0.013	99.98		19.56
2.838	5.300	91.77	0.028	99.97		19.21
3.817	4.580	91.61	0.050	99.95		18.75
4.808	3.840	91.35	0.090	99.91		18.45
5.809	3.180	91.01	0.150	99.85		17.87
6.819	2.590	90.59	0.280	99.72		17.41
7.830	2.090	90.08	0.450	99.55		16.75
8.850	1.670	89.48	0.810	99.19		15.89
9.866	1.330	88.80	1.480	98.52		15.07
10.88	1.070	88.04	2.740	97.26		14.37
11.89	0.880	87.23	5.030	94.97		13.64
12.90	0.740	86.36	8.440	91.56		13.21
13.21	0.680	86.11	11.30	88.70		13.05
13.51	0.650	85.84	13.25	86.70		13.12
13.91	0.610	85.47	16.51	83.49		13.11
14.92	0.520	84.55	27.80	72.20		13.80
15.93	0.471	83.59	41.56	58.44		15.21
16.93	0.420	82.65	58.64	41.36		19.45
17.93	0.400	81.67	72.99	27.01		25.99

№ 1817

[582]

ХЛОРИСТЫЙ ВОДОРОД—ХЛОРИСТЫЙ КАЛИЙ—ВОДА
HCl—KCl—H₂O

Состав жидкости, мол. %			Состав пара, мол. %		<i>t</i>	<i>P</i>
хлористый водород	хлористый калий	вода	хлористый водород	вода		
10.69	0.00	89.31	4.82	95.18	75.0	308.8
10.89	0.00	89.11	5.54	94.46		207.1
8.99	1.50	89.51	2.76	97.24		212.8
10.38	0.81	88.81	5.11	94.89		206.2

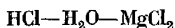
Таблица № 1817 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
хлористый водород	хлористый калий	вода	хлористый водород	вода		
10.53	1.08	88.39	6.04	93.96	75.9	203.7
10.54	0.77	88.69	5.49	94.51		205.4
10.84	0.66	88.50	6.26	93.74		204.1
10.88	0.91	88.21	7.03	92.97		202.7
11.06	0.96	87.98	7.93	92.07		201.4
11.09	0.88	88.03	7.71	92.29		202.1
11.22	0.58	88.20	7.91	92.09		202.3
11.32	0.96	87.72	9.06	90.94		200.7

№ 1818

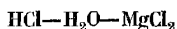
[770]

ХЛОРИСТЫЙ ВОДОРОД—ВОДА—ХЛОРИСТЫЙ МАГНИЙ



Состав жидкости, вес. %			Состав пара, вес. %		t	P
хлористый водород	вода	хлористый магний	хлористый водород	вода		
0.0	100.0	0.0	0.0	100.0	30	32.1
27.55	72.45	0.00	60.70	39.3		20.4
2.02	64.08	33.90	51.50	48.50		14.25
1.65	64.15	34.20	44.20	55.80		13.70
0.00	66.50	33.50	0.0	100.0		12.6
0.42	66.38	33.20	6.35	93.65		12.09
0.75	66.05	33.20	13.94	86.06		11.88
1.04	65.86	33.10	17.56	82.44		12.93
2.03	65.17	32.80	38.48	61.52		13.48
3.94	63.96	32.10	64.82	35.18		20.70
0.0	66.00	34.00	0.0	100.0	95	284.5
0.46	65.64	33.90	12.59	87.41		303.1
0.76	65.84	33.40	18.02	81.98		311.5
0.89	65.91	33.20	21.44	78.56		318.8
0.94	65.86	33.20	22.59	77.41		324.9
1.14	65.86	33.00	26.84	73.16		328.3
1.49	65.61	32.90	33.04	66.96		359.4
1.90	65.30	32.80	41.19	58.81		375.4
2.41	64.89	32.70	51.19	48.81		387
3.17	64.43	32.40	54.17	45.83		369
4.09	63.91	32.00	76.23	23.77		582
4.67	63.43	31.90	81.46	18.54		624
4.91	63.39	31.70	83.49	16.51		695

ХЛОРИСТЫЙ ВОДОРОД—ВОДА—ХЛОРИСТЫЙ МАГНИЙ



Состав жидкости, вес. %			Состав пара, вес. %		<i>t</i>	<i>P</i>
хлористый водород	вода	хлористый магний	хлористый водород	вода		
4.80	63.52	31.68	79.12	20.88	40	47.9
7.49	63.21	29.30	88.49	11.51		64.2
10.69	62.90	26.41	92.15	7.85		95.0
14.14	62.90	22.96	94.56	5.44		145.4
17.31	62.41	20.28	95.19	4.81		213.1
20.64	61.62	17.74	97.01	2.99		295.9
25.55	60.89	13.56	98.27	1.73		482.9
35.41	64.59	0.00	97.88	2.12		290.3
2.79	62.93	34.98	80.46	19.54	60	138.3
4.10	61.70	34.20	86.72	13.28		184.8
5.06	61.69	33.25	88.62	11.38		195.4
6.75	61.58	31.67	91.18	8.82		253.6
9.02	61.48	29.50	94.34	5.66		368.6
12.14	61.04	26.82	95.82	4.18		535.8
16.87	61.23	21.90	97.54	2.46		705.4
35.14	64.86	0.00	96.78	3.22		625.5

ВОДА—ХЛОРИСТЫЙ ВОДОРОД—ТРЕХХЛОРИСТОЕ ЖЕЛЕЗО

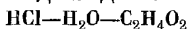


Состав жидкости, мол. %			Состав пара, мол. %		<i>t</i>	<i>P</i>
вода	хлористый водород	треххлористое железо	вода	хлористый водород		
92.0	0.0	8.0	100.0	0.0	25	12.60
93.0	0.0	7.0	100.0	0.0		14.02
94.0	0.0	6.0	100.0	0.0		15.66
95.0	0.0	5.0	100.0	0.0		17.38
96.0	0.0	4.0	100.0	0.0		18.97
97.0	0.0	3.0	100.0	0.0		20.53
98.0	0.0	2.0	100.0	0.0		21.85
99.0	0.0	1.0	100.0	0.0		22.88
84.0	16.0	0.0	58.71	41.29		15.53
85.0	15.0	0.0	74.10	25.90		13.84
85.5	14.5	0.0	79.88	20.12		13.33
86.0	14.0	0.0	85.01	14.99		13.21
87.0	13.0	0.0	92.02	7.98		13.35
88.0	12.0	0.0	95.84	4.16		14.05
96.0	4.0	0.0	99.99	0.01		21.29

Таблица № 1820 (продолжение)

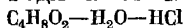
Состав жидкости, мол. %			Состав пара, мол. %		t	P
вода	хлористый водород	треххлористое железо	вода	хлористый водород		
98.0	2.0	0.0	100.0	0.0	25	22.69
81.0	18.0	1.0	19.6	80.4		37.20
82.0	17.0	1.0	30.2	69.8		25.69
83.0	16.0	1.0	43.3	56.7		19.17
84.0	15.0	1.0	58.6	41.4		15.54
85.0	14.0	1.0	74.8	25.2		13.45
86.0	13.0	1.0	83.48	16.52		13.19
87.0	12.0	1.0	90.43	9.57		13.16
91.0	8.0	1.0	99.33	0.67		16.31
95.0	4.0	1.0	99.95	0.05		20.13
82.0	16.0	2.0	33.6	66.4		23.20
83.0	15.0	2.0	46.4	53.6		18.10
84.0	14.0	2.0	60.1	39.9		15.08
85.0	13.0	2.0	73.3	26.7		13.40
86.0	12.0	2.0	83.2	16.8		12.87
87.0	11.0	2.0	90.22	9.78		12.95
88.0	10.0	2.0	94.80	5.20		13.29
90.0	8.0	2.0	98.49	1.51		14.99
92.0	6.0	2.0	99.57	0.43		16.91
94.0	4.0	2.0	99.89	0.11		18.59
96.0	2.0	2.0	99.95	0.05		20.39
85.0	12.0	3.0	72.6	27.4		13.23
89.0	8.0	3.0	96.19	3.81		13.67
93.0	4.0	3.0	99.75	0.25		17.01
82.6	13.4	4.0	49.20	50.80		16.40
83.0	13.0	4.0	52.90	47.10		15.30
84.0	12.0	4.0	63.10	36.90		13.60
86.0	10.0	4.0	82.07	17.93		12.27
87.0	9.0	4.0	88.37	11.63		12.27
88.0	8.0	4.0	92.90	7.10		12.70
89.0	7.0	4.0	95.89	4.11		13.09
90.0	6.0	4.0	97.74	2.26		13.96
91.0	5.0	4.0	98.76	1.24		14.80
92.0	4.0	4.0	99.32	0.68		15.49
93.0	3.0	4.0	99.70	0.30		16.49
94.0	2.0	4.0	99.89	0.11		17.17
95.0	1.0	4.0	99.96	0.04		18.05
87.0	8.0	5.0	86.31	13.69		12.05
91.0	4.0	5.0	98.63	1.37		13.87
85.0	9.0	6.0	73.99	26.01		11.88
88.0	6.0	6.0	91.51	8.49		11.48
89.0	5.0	6.0	95.20	4.80		11.80
90.0	4.0	6.0	97.14	2.86		12.43
92.0	2.0	6.0	99.31	0.69		13.96
93.0	1.0	6.0	99.69	0.31		14.81

ХЛОРИСТЫЙ ВОДОРОД—ВОДА—УКСУСНАЯ КИСЛОТА



Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлористый водород	вода	уксусная кислота	хлористый водород	вода	уксусная кислота		
3.13	95.22	1.65	0.042	98.37	1.59	101.6	757.6
6.15	92.14	1.71	0.395	97.48	2.13	103.9	756.6
8.59	89.84	1.57	2.30	95.23	2.47	106.2	749.5
10.70	87.45	1.85	0.42	87.37	3.21	108.2	758.3
2.99	93.53	3.48	0.036	96.62	3.34	101.4	745.6
6.41	90.13	3.46	0.567	94.23	5.20	103.9	746.7
10.50	85.89	3.61	9.34	83.85	6.81	107.8	752.7
10.90	85.61	3.49	11.70	81.56	6.74	107.8	755.6
3.06	92.08	4.86	0.064	94.44	5.50	102.0	753.9
6.58	88.05	5.37	0.873	91.54	7.59	105.0	756.5
10.40	84.16	5.44	9.78	79.72	10.50	107.1	744.6
10.60	83.74	5.66	10.80	78.60	10.60	107.3	752.0
3.31	89.28	7.41	0.072	92.65	7.28	102.1	753.7
6.47	86.18	7.35	1.16	88.47	10.40	104.9	751.6
10.20	82.33	7.47	9.83	77.17	13.00	106.7	742.7
3.30	87.17	9.53	0.116	90.33	9.55	102.0	747.7
7.42	82.81	9.77	2.96	81.84	15.20	106.4	760.5
9.96	81.12	8.92	9.26	75.14	15.60	106.5	741.4

ДИОКСАН—ВОДА—ХЛОРИСТЫЙ ВОДОРОД



Состав жидкости, мол. %			Состав пара, мол. %			t	P
диоксан	вода	хлористый водород	диоксан	вода	хлористый водород		
9.6	90.4	0.0	36.9	63.1	0.0	50	134.6
19.3	80.7	0.0	47.2	52.8	0.0		149.4
29.7	70.3	0.0	51.8	48.2	0.0		160.9
39.6	60.4	0.0	54.1	45.9	0.0		164.4
40.7	50.3	0.0	54.5	45.5	0.0		168.1
60.2	39.8	0.0	56.7	43.3	0.0		168.0
71.6	28.4	0.0	60.0	40.0	0.0		163.6
79.0	21.0	0.0	62.9	37.1	0.0		162.0
91.5	8.5	0.0	71.9	28.1	0.0		149.5
10.0	85.5	4.5	43.2	56.7	0.1		133.8
20.0	76.0	4.0	55.8	44.2	0.0		156.9
30.0	66.5	3.5	58.2	41.8	0.0		163.6
40.0	57.0	3.0	60.0	40.0	0.0		163.2
50.0	47.5	2.5	61.0	39.0	0.0		164.3
60.0	38.0	2.0	62.4	37.6	0.0		161.0
70.0	28.5	1.5	64.1	35.6	0.3		160.6
80.0	19.0	1.0	65.3	33.8	0.9		158.9

Таблица № 1822 (продолжение)

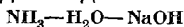
Состав жидкости, мол. %			Состав пара, мол. %			t	P
диоксан	вода	хлористый водород	диоксан	вода	хлористый водород		
90	9.5	0.5	71.0	27.2	1.8	50	152.9
10.0	81.0	9.0	47.5	53.3	0.7		110.7
20.0	72.0	8.0	62.1	37.4	0.4		151.1
40.0	54.0	6.0	65.1	34.5	0.4		157.1
50.0	49.0	5.0	65.5	34.1	0.4		158.7
60.0	36.0	4.0	67.0	32.3	0.7		157.1
80.0	18.0	2.0	68.0	30.0	2.0		160.6
90.0	9.0	1.0	74.0	21.8	4.2		149.2
20.0	68.0	12.0	69.0	27.8	3.2		130.3
30.0	59.5	10.5	73.2	24.2	2.6		147.6
50.0	42.5	7.5	74.0	23.1	2.9		147.8
60.0	34.0	6.0	73.6	22.9	3.5		150.0
70.0	25.5	4.5	71.7	24.0	4.3		150.6
80.0	17.0	3.0	72.5	22.6	4.9		150.7
90.0	8.5	1.5	74.0	19.7	6.3		147.2
10.0	73.8	16.2	35.3	32.4	32.3		88.0
20.0	65.6	14.4	65.4	23.8	10.8		125.0
30.0	57.4	12.6	72.3	20.6	7.1		149.7
40.0	49.2	10.8	71.8	20.9	7.3		152.4
60.0	32.8	7.2	73.5	19.3	7.2		150.8
80.0	16.4	3.6	73.6	18.5	7.9		150.6

№ 1823

[232]

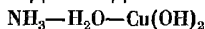
ХЛОРИСТЫЙ ВОДОРОД—ВОДА—ХЛОРИСТОВОДОРОДНЫЙ АНИЛИН
 $\text{HCl}-\text{H}_2\text{O}-\text{C}_6\text{H}_7\text{N} \cdot \text{HCl}$

Состав жидкости, мол. %			Состав пара, мол. %		t	P
хлористый водород	вода	хлористо-водородный анилин	хлористый водород	вода		
0.00	86.88	13.12	0.00	100.00	25	19.74
2.94	88.17	8.89	0.02	99.98		19.01
3.51	88.46	8.03	0.03	99.97		18.53
5.25	89.01	5.74	0.12	99.88		17.41
9.70	87.79	2.51	1.82	98.18		14.64
11.05	86.69	2.26	3.52	96.48		14.08
11.80	86.09	2.11	5.15	94.85		13.73
12.77	85.28	1.95	9.91	90.09		12.90
12.92	85.16	1.92	10.95	89.05		13.00
13.98	84.21	1.81	19.03	80.97		13.01
15.53	82.63	1.84	42.2	57.8		15.06
19.29	78.62	2.09	88.9	11.1		50.4
19.93	77.82	2.25	92.1	7.9		69.4



Состав жидкости,* мол. %			Состав пара, мол. %		t	P
аммиак	вода	гидрат окиси натрия	аммиак	вода		
0.59	99.41	2.5% по весу	9.9	90.1	79.95	400
0.615	99.385		10.46	89.54	79.9	
1.09	98.91		20.18	79.82	77.75	
1.12	98.88		24.01	75.98	76.9	
1.25	98.75		19.50	80.50	77.50	
1.56	98.44		22.01	77.99	76.75	
1.96	98.04		37.85	62.15	71.84	
2.25	97.75		32.45	67.55	73.19	
3.13	96.87		46.61	53.39	66.13	
3.38	96.62		38.33	61.67	70.6	
3.4	96.6		41.59	58.41	69.57	
4.53	95.47		45.49	54.51	65.6	
0.484	99.516		10.0	90.0	88.56	550
0.66	99.34		11.13	88.87	88.16	
1.4	98.6		22.05	77.95	84.96	
1.45	98.55		23.3	76.7	84.71	
2.07	97.93		31.28	68.72	81.73	
2.38	97.62		28.48	71.52	81.78	
0.48	99.52		9.8	90.2	95.23	760
0.68	99.32		8.96	91.04	97.55	
1.32	98.68		23.25	76.75	93.09	
1.64	98.36		21.5	78.5	93.84	
2.03	97.97		31.04	68.96	90.29	
2.26	97.74		20.82	70.18	90.77	

* Состав жидкости рассчитан без учета содержащейся в ней соли.



Состав жидкости,* мол. %			Состав пара, мол. %		t	P
аммиак	вода	гидрат окиси меди	аммиак	вода		
0.96	99.04	насыщенный раствор	13.55	86.45	79.31	400
1.98	98.02		26.78	73.22	75.68	
2.9	97.1		37.15	62.85	72.67	
2.93	97.07		35.53	64.47	—	
4.0	96.0		43.34	56.66	69.49	
4.28	95.72		42.6	57.4	68.43	
4.5	95.5		—	—	69.28	
5.28	94.72		51.5	48.5	65.07	
0.98	99.02		13.7	86.3	87.54	550
2.29	97.71		29.2	70.8	82.77	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

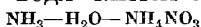
Таблица № 1825 (продолжение)

Состав жидкости, * мол. %			Состав пара, мол. %		t	P
аммиак	вода	гидрат окиси меди	аммиак	вода		
3.17	96.83	насыщенный раствор	36.65	63.35	79.82	550
3.3	96.7		37.5	62.5	79.46	
4.49	95.51		45.65	54.35	75.83	
5.15	94.85		48.98	51.02	73.75	
5.18	94.82		49.75	50.25	73.7	
5.43	94.57		51.9	48.1	72.67	

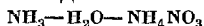
№ 1826

АММИАК—ВОДА—НИТРАТ АММОНИЯ

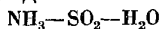
[1983]



Состав жидкости, вес. %			Состав пара, вес. %		t	P
аммиак	вода	нитрат аммония	аммиак	вода		
5.0	47.6	47.4	78.2	21.8	35	135
5.0	23.7	71.3	86.7	13.3		173
10.0	90.0	0.0	77.3	22.7		189
10.0	67.6	22.4	83.2	16.8		217
10.0	45.1	44.9	89.4	10.6		257
10.0	22.4	67.6	93.5	6.5		336
15.0	85.0	0.0	86.0	14.0		301
15.0	63.8	21.2	89.7	10.3		348
15.0	42.6	42.4	94.0	6.0		421
15.0	21.2	63.8	96.8	3.2		552
20.0	80.0	0.0	90.9	9.1		465
20.0	60.1	19.9	93.6	6.4		534
20.0	40.1	39.9	96.4	3.6		650
20.0	19.9	60.1	98.5	1.5		854
25.0	75.0	0.0	94.2	5.8		678
25.0	56.3	18.7	96.3	3.7		790
25.0	37.6	37.4	97.9	2.1		952
30.0	70.0	0.0	96.6	3.4		998
30.0	52.6	17.4	98.0	2.0		1128
10.0	90.0	0.0	88.8	11.2	10	54.5
10.0	67.6	22.4	91.6	8.4		68.5
10.0	45.1	44.9	93.8	6.2		82.0
15.0	85.0	0.0	93.8	6.2		92.5
15.0	63.8	21.2	95.2	4.8		112
15.0	42.6	42.4	96.7	3.3		137
20.0	80.0	0.0	96.2	3.8		150
20.0	60.1	19.9	97.3	2.7		173
20.0	40.1	39.9	98.1	1.9		215
25.0	75.0	0.0	97.9	2.1		230
25.0	56.3	18.7	98.5	1.5		264
25.0	37.6	37.4	99.0	1.0		321
30.0	70.0	0.0	98.9	1.1		349
30.0	52.6	17.4	99.4	0.6		388
30.0	35.1	34.9	99.7	0.3		446



Состав жидкости, мол. %			Состав пара, мол. %		t	P
аммиак	вода	нитрат аммония	аммиак	вода		
10.5	89.5	0.0	89.4	10.6	10.0	34.5
12.7	81.5	5.8	92.0	8.0		68.5
15.7	84.3	0.0	94.0	6.0		92.5
16.1	68.5	15.4	94.2	5.8		82.0
18.8	75.6	5.6	95.5	4.5		112.0
21.0	79.0	0.0	96.4	3.6		150.0
23.4	62.6	14.0	96.8	3.2		137.0
24.7	70.2	5.1	97.4	2.6		173.0
26.0	74.0	0.0	98.0	2.0		230.0
27.7	59.0	13.3	98.6	1.4		264.0
31.2	68.8	0.0	99.0	1.0	35.0	349.0
33.0	54.7	12.3	99.4	0.6		388.0
36.6	51.6	11.8	99.1	0.9		321
42.5	46.9	10.6	99.7	0.3		446
8.3	74.6	16.9	79.1	20.9		135
10.5	89.5	0.0	78.2	21.8		189
11.8	52.6	35.6	87.0	13.0		173
12.7	81.2	6.1	83.7	16.3		217
15.7	84.3	0.0	86.6	13.4		348
16.1	68.5	15.4	90.0	10.0		257
18.8	75.5	5.7	90.3	9.7		348
21.0	79.0	0.0	91.4	8.6		465
22.0	46.5	31.5	93.8	6.2		336
23.3	62.6	14.1	94.3	5.7		421
24.7	70.2	5.1	94.0	6.0		534
26.0	74.0	0.0	94.6	5.4		678
30.2	57.2	12.6	96.6	3.4		650
30.4	64.8	4.8	96.4	3.6		790
30.8	41.2	28.0	96.9	3.1		552
31.2	68.8	0.0	96.8	3.2		998
35.9	59.6	4.5	98.1	1.9		1128
36.5	52.0	11.5	98.0	2.0		952
38.8	36.5	24.7	98.6	1.4		854



Состав жидкости, мол. %			Состав пара, мол. %			t	P
аммиак	двуокись серы	вода	аммиак	двуокись серы	вода		
5.23	5.00	89.77	—	11.55	—	35	37.3
5.30	4.40	90.30	—	0.53	—		38.10
5.32	3.88	90.80	—	0.20	—		35.27

Таблица № 1828 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
аммиак	двуокись серы	вода	аммиак	двуокись серы	вода		
8.85	8.28	82.87	—	5.44	—	35	35.64
8.90	7.22	83.82	0.03	0.92	99.05		35.84
8.93	6.44	84.63	—	—	—		34.5
15.62	14.26	70.12	—	8.95	—		31.3
15.72	13.40	70.88	—	4.17	—		27.34
15.83	12.61	71.56	—	2.00	—		30.20
16.19	11.39	72.42	0.13	0.70	99.17		30.74
5.23	4.71	90.06	0.01	2.95	97.04	50	81.41
5.23	5.00	89.77	—	10.23	—		88.00
5.30	4.40	90.30	0.06	0.57	99.37		82.52
5.32	3.88	90.80	0.06	0.18	99.76		79.19
8.85	8.28	82.87	—	5.35	—		80.3
8.90	7.22	83.82	0.06	0.94	99.00		77.78
8.93	6.44	84.63	0.19	0.34	99.47		79.42
15.62	14.26	70.12	—	1.01	—		70.1
15.72	13.40	70.88	0.12	3.56	96.32		67.48
15.83	12.61	71.56	0.26	2.02	97.72		68.57
16.19	11.39	72.42	0.48	0.67	98.85		64.74
5.23	4.71	90.06	0.03	2.95	97.02	70	200.0
5.23	5.00	89.77	—	9.05	—		234.2
5.30	4.40	90.30	0.17	0.57	99.26		211.6
5.32	3.88	90.80	0.31	0.19	99.50		204.0
8.85	8.28	82.87	0.90	5.02	94.08		201.3
8.90	7.22	83.82	0.22	1.01	98.77		198.4
8.93	6.44	84.63	0.54	0.33	99.13		201.7
15.62	14.26	70.12	0.14	10.82	89.04		182.0
15.72	13.40	70.88	0.36	3.94	95.70		172.4
15.83	12.61	71.56	0.62	2.10	97.28		171.7
16.19	11.39	72.42	1.34	0.71	97.95		171.5
5.23	4.71	90.06	0.09	2.96	96.95	90	494.5
5.23	5.00	89.77	—	8.20	—		527.3
5.30	4.40	90.30	0.45	0.55	99.0		490.9
5.32	3.88	90.80	0.83	0.23	98.94		482.1
8.85	8.28	82.87	5.34	0.20	94.46		467.9
8.90	7.22	83.82	0.63	0.97	98.40		462.4
8.93	6.44	84.63	1.33	0.34	98.33		465.8
15.62	14.26	70.12	0.31	12.20	97.49		421.7
15.72	13.40	70.88	0.83	4.64	94.53		396.7
16.19	11.39	72.42	2.94	0.74	96.32		394.5

МЕТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ ЛИТИЙ
 $\text{CH}_3\text{O}-\text{H}_2\text{O}-\text{LiCl}$

Состав жидкости, вес. %			Состав пара, вес. %		t	P
метиловый спирт	вода	хлористый литий	метиловый спирт	вода		
0.0	95.9	4.1	0.0	100.0	25	23.0
22.7	73.2	4.1	73.1	26.9		47.3
41.2	54.7	4.1	85.3	14.7		65.3
58.7	37.2	4.1	91.6	8.4		80.0
77.3	18.6	4.1	96.8	3.2		96.3
90.5	5.4	4.1	99.6	0.4		115.3
95.9	0.0	4.1	100.0	0.0		118.5

№ 1830 **ЭТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ ЛИТИЙ** [980]

$\text{C}_2\text{H}_5\text{O}-\text{H}_2\text{O}-\text{LiCl}$

Состав жидкости, * мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	хлористый литий	этиловый спирт	вода		
0	100	0.0	0.0	100.0	25	23.77
0	100	0.9	0.0	100.0		23.45
0	100	1.8	0.0	100.0		23.05
0	100	7.2	0.0	100.0		19.21
6.4	93.6	0.0	35.9	64.1		34.23
6.4	93.6	1.0	37.7	62.3		34.73
6.4	93.6	2.0	39.7	60.3		34.94
6.4	93.6	7.9	51.9	48.1		34.67
25	75	0.0	62.2	37.8		48.56
25	75	1.3	61.5	38.5		49.08
25	75	2.6	63.0	37.0		49.08
25	75	10.4	71.6	28.4		44.78
50	50	0.0	68.0	32.0		53.89
50	50	1.6	70.5	29.5		53.55
50	50	3.2	72.4	27.6		52.66
50	50	12.8	81.3	18.7		40.82
70	30	0.0	77.1	22.9		56.57
70	30	1.9	79.3	20.7		55.53
70	30	3.8	81.2	18.8		54.11
70	30	15.0	88.1	11.9		35.32
80	20	0.0	83.0	17.0		57.85
80	20	2.0	84.9	15.1		56.40
80	20	4.0	86.5	13.5		54.33
80	20	16.2	92.1	7.9		32.18
90	10	0.0	90.7	9.3		57.80
90	10	2.2	92.0	8.0		56.81
90	10	4.3	92.9	7.1		54.57
90	10	17.3	96.4	3.6		29.27

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1830 (продолжение)

Состав жидкости, * мол. %			Состав пара, мол. %		t	Г
этиловый спирт	вода	хлористый литий	этиловый спирт	вода		
95	5	0.0	96.1	3.9	25	58.32
95	5	2.2	96.8	3.2		56.55
95	5	4.5	97.0	3.0		54.33
95	5	17.8	97.9	2.1		28.02
98	2	0.0	98.1	1.9		58.38
98	2	2.3	98.4	1.6		56.89
98	2	4.5	98.6	1.4		54.57
98	2	18.2	99.0	1.0		27.24
100	0	0.0	100.0	0.0		58.98
100	0	2.3	100.0	0.0		57.21
100	0	4.6	100.0	0.0		54.27
100	0	18.4	100.0	0.0		26.72

№ 1831 ЭТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ ЛИТИЙ [909]
 $C_2H_5O-H_2O-LiCl$

Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый литий, г/100 г растворителя	этиловый спирт	вода		
вес. %						
54.3	45.7	68.1	95.2	4.8	104.3	700
56.4	43.6	67.2	95.3	4.7	104.2	
60.0	40.0	64.0	95.6	4.4	103.8	
69.0	31.0	54.0	95.8	4.2	102.3	
69.4	30.6	53.5	95.9	4.1	102.1	
72.8	27.2	50.4	96.1	3.9	101.3	
73.1	26.9	50.4	96.2	3.8	101.0	
78.9	21.1	44.1	96.4	3.6	100.7	
82.6	17.4	40.0	96.3	3.3	100.0	
87.5	12.5	33.6	97.4	2.6	98.6	
90.7	9.3	31.6	97.8	2.2	98.4	
92.4	7.6	30.2	98.1	1.9	98.1	
92.8	7.2	28.2	98.1	1.9	97.4	
94.4	5.6	27.5	98.5	1.5	97.5	
95.0	5.0	27.2	98.6	1.4	97.3	
95.0	5.0	27.4	98.8	1.2	96.8	
96.1	3.9	26.4	98.9	1.1	96.4	
96.6	3.4	25.4	99.1	0.9	96.2	
96.9	3.1	25.2	99.2	0.8	96.2	
97.8	2.2	24.3	99.2	0.8	95.7	
97.8	2.2	24.0	99.2	0.8	95.7	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1831 (продолжение)

Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый литий, г/100 г растворителя	этиловый спирт	вода		
вес. %						

Ненасыщенные растворы

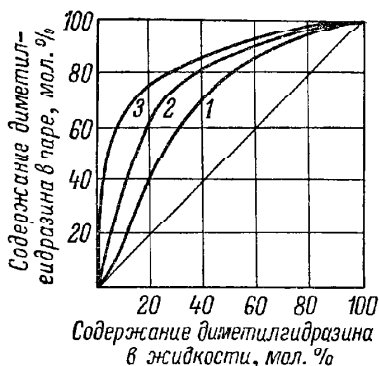
64.8	35.2	48.3	95.0	5.0	99.4	700
80.4	49.6	41.3	92.9	7.1	100.0	
84.4	15.6	36.6	95.4	4.6	99.0	
91.2	8.8	24.8	97.6	2.4	95.0	
92.8	7.2	12.8	96.8	3.2	85.1	
94.0	6.0	12.8	97.4	2.6	85.5	
94.1	5.9	16.4	97.7	2.3	89.4	
94.4	5.6	18.7	98.2	1.8	91.2	
96.8	3.2	9.1	98.2	1.8	82.1	
96.9	3.1	18.0	99.1	0.9	91.8	
97.3	2.7	12.8	98.6	1.4	86.1	
97.9	2.1	17.0	99.1	0.9	90.9	

№ 1832 МЕТИЛОВЫЙ СПИРТ—ВОДА—ПЕРХЛОРАТ ЛИТИЯ [217]
 $\text{CH}_3\text{OH}-\text{H}_2\text{O}-\text{LiClO}_4$

Состав жидкости *			Состав пара, мол. %		Коэффициент активности		t	P
метиловый спирт	вода	перхлорат лития, г/л	метиловый спирт	вода	метиловый спирт	вода		
вес. %								
50	50	0	83.2	16.8	—	—	40	177.9
		106.4	82.8	17.2	1.35	1.10		169.0
		212.8	82.1	17.9	1.90	1.22		158.9
		319.2	81.8	18.2	2.68	1.90		134.9
		425.6	81.3	18.7	2.73	2.07		116.5
		532.0	80.9	19.1	2.54	2.00		103.2
		638.4	80.6	19.4	2.28	1.85		93.0

* Состав жидкости рассчитан без учета содержащейся в ней соли.

ДИМЕТИЛГИДРАЗИН (несимметричный)—ВОДА—
ГИДРАТ ОКСИ НАТРИЯ
 $C_2H_8N_2-H_2O-NaOH$



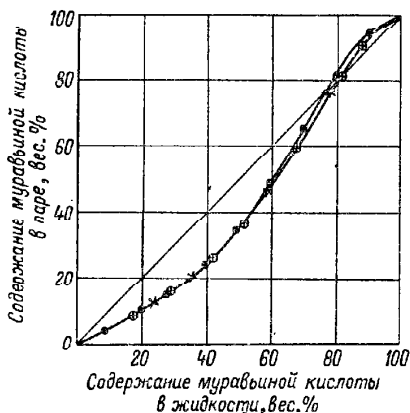
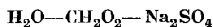
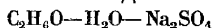
$P = 760$ мм

1 — 0 вес. % NaOH; 2 — 10 вес. % NaOH;
3 — 20 вес. % NaOH.

ЭТИЛОВЫЙ СПИРТ—ВОДА—НИТРАТ НАТРИЯ
 $C_2H_6O-H_2O-NaNO_3$

Состав жидкости,* мол. %			Состав пара, мол. %		Коэффициент активности		t	P
этиловый спирт	вода	нитрат натрия	этиловый спирт	вода	этиловый спирт	вода		
8.5	91.5	Насыщенный	63.6	36.4	6.92	0.83	80.6	760
10.4	89.6	раствор	64.8	35.2	5.65	0.82	80.7	
18.9	81.1		66.2	33.8	3.49	0.87	80.6	

* Состав жидкости рассчитан без учета содержащейся в ней соли.


 $P = 760 \text{ мм}$


Состав жидкости *, мол. %			Состав пара, мол. %		Коэффициент активности		t	P
этило- вый спирт	вода	сульфат натрия	этиловый спирт	вода	этиловый спирт	вода		
0.4	99.6	Насыщенный раствор	11.3	88.7	12.3	0.87	100.8	760
0.6	99.4		17.9	82.1	13.6	0.84	99.5	
1.2	98.8		23.4	76.6	10.4	0.92	95.2	
1.7	98.3		26.8	73.2	9.1	0.97	92.8	
1.9	98.1		31.1	68.9	9.8	0.95	91.9	
2.6	97.4		39.6	60.4	10.1	0.94	88.8	
4.0	96.0		44.7	55.3	8.4	0.99	85.5	
6.8	93.2		48.0	52.0	5.6	1.02	83.9	
10.1	89.9		50.3	49.7	4.1	1.03	83.4	
13.3	86.7		52.3	47.7	3.3	1.04	83.0	
13.5	86.5		52.8	47.2	3.2	1.03	83.0	
14.9	85.1		52.6	47.4	2.95	1.06	82.8	
17.8	82.2		53.6	46.4	2.54	1.09	82.5	
18.0	82.0		53.5	46.5	2.51	1.10	82.5	
20.7	79.3		53.6	46.4	2.20	1.14	82.3	
22.0	78.0		53.6	46.4	2.07	1.16	82.3	
24.9	75.1		54.8	45.2	1.89	1.19	82.0	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1836 (продолжение)

Состав жидкости,* мол. %			Состав пара, мол. %		Коэффициент активности		t	P
этиловый спирт	вода	сульфат натрия	этиловый спирт	вода	этиловый спирт	вода		
25.1	74.9	Насыщенный раствор	55.9	44.1	1.92	1.16	82.0	760
26.1	73.9		56.1	43.9	1.86	1.18	81.9	
28.4	71.6		56.6	43.4	1.73	1.21	81.7	
29.0	71.0		56.7	43.3	1.71	1.22	81.6	
30.2	69.8		57.2	42.8	1.66	1.23	81.6	
36.7	63.3		59.3	40.7	1.45	1.32	81.0	
36.8	63.2		59.6	40.4	1.45	1.31	81.0	
46.8	53.2		64.1	35.9	1.26	1.43	80.3	
47.8	52.2		64.1	35.9	1.24	1.46	80.2	
55.6	44.4		67.8	32.2	1.15	1.55	79.8	
72.5	27.5		75.8	24.2	1.02	1.97	78.9	
74.2	25.8		77.8	22.2	1.03	1.93	78.8	
78.4	21.6		79.2	20.8	1.00	2.17	78.7	

№ 1837 ЭТИЛОВЫЙ СПИРТ—ВОДА—СУЛЬФАТ НАТРИЯ [255]
 $C_2H_5O-H_2O-Na_2SO_4$

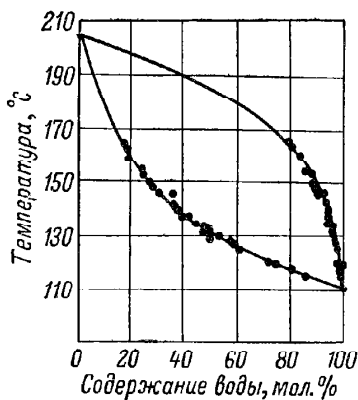
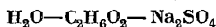
Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	сульфат натрия	этиловый спирт	вода		
0.00	99.87	0.13	0.0	100.0	50	93
2.64	97.22	0.14	29.2	70.8		114
6.83	93.02	0.15	46.7	53.3		141
11.63	88.22	0.15	54.7	45.3	40	163
19.38	80.46	0.16	62.5	37.5		188
0.00	99.87	0.13	0.0	100.0		54
2.64	97.22	0.14	31.7	68.3	40	69
6.83	93.02	0.15	49.3	50.7		84
11.63	88.22	0.15	54.9	45.1		98
19.38	80.46	0.16	64.5	35.5	25	115
0.00	99.87	0.13	0.0	100.0		23
2.64	97.22	0.14	31.7	68.3		32
6.83	93.02	0.15	46.7	53.3	25	39
11.63	88.22	0.15	54.7	45.3		45
19.38	80.46	0.16	61.5	38.5		51
0.00*	100.00*	Насыщенный раствор	0.0	100.0	50	82.5
3.29*	96.71*		61.6	38.4		172
8.30*	91.70*		65.6	34.4		179
20.83*	79.17*		67.0	33.0	205	107
34.80*	65.20*		69.5	30.5		205
51.41*	48.59*		70.8	29.2		212
58.74*	41.26*		79.2	20.8	218	218

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1837 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	Р
этиловый спирт	вода	сульфат натрия	этиловый спирт	вода		
0.00*	100.00*	Насыщенный раствор	0.0	100.0	40	48
3.29*	96.71*		62.5	37.5		98
8.30*	91.70*		64.7	35.3		106
20.83*	79.17*		66.0	34.0		118
34.80*	65.20*		68.2	31.8		122
51.41*	48.59*		71.5	28.5		126
58.74*	41.26*		78.4	21.6		128
0.00*	100.00*		0.0	100.0	25	19.5
3.29*	96.71*		50.4	49.6		39
8.30*	91.70*		57.4	42.6		47
20.83*	79.17*	0.00	58.0	42.0		48
34.80*	65.20*		58.6	41.4		51
51.40*	48.59*		70.0	30.0		53
58.74*	41.26*		77.2	22.8		57
5.99	94.01		42.6	57.4	50	139
5.98	93.82		47.3	52.7		142
5.96	93.64		48.6	51.4		144
5.95	93.45		50.1	49.9		147
5.93	93.07		53.5	46.5		152
5.88	92.16		59.5	40.5		167
5.99	94.01	0.00	42.4	57.6	40	79
5.98	93.82		49.8	50.2		85
5.96	93.64		52.6	47.4		88
5.95	93.45		55.3	44.7		90
5.93	93.07		57.3	42.7		92
5.88	92.16		61.7	38.3		100
5.99	94.01		32.7	67.3	25	33
5.98	93.82		46.0	54.0		39
5.96	93.64		47.8	52.2		40
5.95	93.45		50.4	49.6		42
5.93	93.07	1.00	53.8	46.2		44
3.03	96.97		30.6	69.4	50	121
3.02	96.78		37.0	63.0		124
3.01	96.42		38.2	61.8		125
3.00	96.05		43.4	56.6		127
2.97	95.15		48.4	51.6		136
2.94	94.26		54.4	45.6		142
3.03	96.97		30.8	69.2	40	68
3.02	96.78		38.9	61.1		72
3.01	96.42		40.9	59.1		75
3.00	96.05	0.95	44.8	55.2		77
2.97	95.15		48.3	51.7		81
2.94	94.26		54.5	45.5		84
3.03	96.97		21.0	79.0	25	29
3.02	96.78		32.6	67.4		34
3.01	96.42		36.9	63.1		35
3.00	96.05		37.8	62.2		35
2.97	95.15		47.7	52.3		38

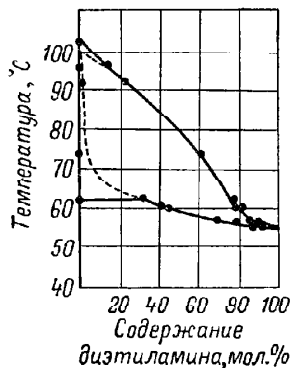
* Состав жидкости рассчитан без учета содержащейся в ней соли.



$$P = 760 \text{ мм}$$

Жидкая фаза — насыщенный раствор Na_2SO_4 .

На графике приведен состав жидкости, рассчитанный без учета содержащейся в ней соли.



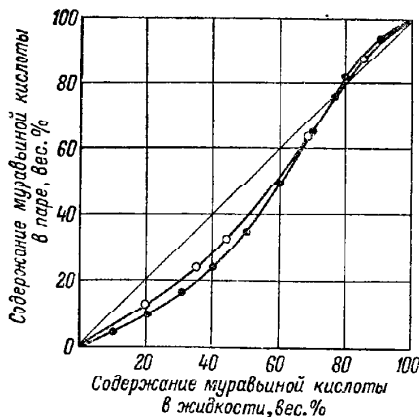
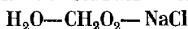
$$P = 760 \text{ мм}$$

Состав жидкости рассчитан без учета содержащейся в ней соли. Сплошной линией — насыщенный раствор, прерывистой — бинарный (без соли).



Состав жидкости *			Состав пара, вст. %		t	P
этиловый спирт	вода	фтористый натрий, г/100 г растворителя	этиловый спирт	вода		
вст. %						
4.4	95.9	3.50	37.3	62.7	93.0	700
10.0	90.0	2.70	54.5	45.5	88.3	
12.4	87.6	2.40	58.1	41.9	86.8	
19.8	80.2	1.70	64.6	35.4	84.3	
30.1	69.9	1.05	71.8	28.2	82.3	
37.2	62.8	0.70	74.2	25.8	81.5	
48.7	51.3	0.40	76.8	23.2	80.4	
64.7	35.3	0.10	80.4	19.6	79.2	
79.7	20.3	0.05	85.4	14.6	77.8	
84.4	15.6	0.04	87.8	12.2	77.4	
86.3	13.7	0.04	88.8	11.2	77.3	
92.5	7.5	0.04	93.1	6.9	76.8	
92.7	7.3	0.04	93.1	6.9	76.8	

* Состав жидкости рассчитан без учета содержащейся в ней соли.



P = 760 мм

Состав жидкости, * мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	хлористый натрий	этиловый спирт	вода		
0.0	100.0	Насыщенный раствор	0.0	100.0	108.8	755±7
1.1	98.9		20.9	79.1	101.8	
2.5	97.5		49.8	50.2	88.4	
4.2	95.8		55.0	45.0	85.9	
8.0	92.0		61.5	38.5	82.4	
14.6	85.4		62.8	37.2	80.9	
22.9	77.1		65.0	35.0	80.3	
34.0	66.0		66.2	33.8	80.1	
48.0	52.0		68.8	31.2	79.5	
63.4	36.6		73.4	26.6	78.8	
76.4	23.6		80.0	20.0	78.3	
86.9	13.1		86.9	13.1	77.4	
91.7	8.3		91.7	8.3	78.4	
94.5	5.5		94.3	5.7	77.3	
97.3	2.7		97.1	2.9	77.9	
100	0.0		100.0	0.0	77.7	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый натрий, г/100 г растворителя	этиловый спирт	вода		
вес. %						
3.5	96.5	35.50	53.6	46.4	94.0	700
5.2	94.8	34.30	61.9	38.1	90.6	
7.6	92.4	33.00	70.7	29.3	86.8	
10.5	89.5	31.00	73.4	26.6	84.3	
13.4	86.6	29.00	77.0	23.0	82.6	
15.0	85.0	28.10	77.0	23.0	82.1	
23.0	77.0	23.70	80.0	20.0	80.4	
24.1	75.9	23.50	80.1	19.9	80.3	
25.0	75.0	22.80	81.1	18.9	80.0	
33.9	66.1	18.70	82.0	18.0	79.5	
37.2	62.8	17.10	82.5	17.5	79.4	
40.0	60.0	15.30	82.6	17.4	79.3	
40.4	59.6	15.30	82.2	17.8	79.3	
47.5	52.5	12.40	82.4	17.6	79.0	
48.4	51.6	12.40	82.7	17.3	79.0	
51.9	48.1	10.60	82.3	17.7	79.1	
53.2	46.8	10.10	83.4	16.6	78.8	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1843 (продолжение)

Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый натрий, г/100 г растворителя	этиловый спирт	вода		
вес. %						
55.6	44.4	9.40	83.5	16.5	78.7	700
55.8	44.2	9.30	83.5	16.5	78.7	
57.4	42.6	8.80	82.8	17.2	78.7	
62.8	37.2	6.30	83.8	16.2	78.6	
66.7	33.3	5.50	84.4	15.6	78.2	
67.2	32.8	4.70	84.4	15.6	78.0	
75.3	24.7	3.15	85.9	14.1	77.5	
76.5	23.5	2.70	86.0	14.0	77.7	
79.0	21.0	2.20	86.9	13.1	77.5	
79.8	20.2	2.00	86.7	13.3	77.6	
83.0	17.0	1.40	88.0	12.0	77.2	
85.0	15.0	1.10	88.6	11.4	77.1	
85.6	14.4	1.00	89.3	10.7	77.0	
86.4	13.6	0.86	89.8	10.2	76.8	
87.4	12.6	0.80	90.3	9.7	76.7	
88.6	11.4	0.70	90.5	9.5	76.7	
92.8	7.2	0.30	93.3	6.7	76.6	
94.0	6.0	0.25	94.2	5.8	76.4	
94.1	5.9	0.25	94.3	5.7	76.5	

№ 1844 ЭТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ НАТРИЙ [909]
 $C_2H_5O-H_2O-NaCl$

Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый натрий, г/100 г растворителя	этиловый спирт	вода		
вес. %						
85.0	15.0	73.6	94.4	5.6	88.8	700
90.1	9.9	65.6	96.2	3.8	88.3	
91.8	8.2	63.8	96.5	3.5	88.1	
93.0	7.0	59.7	97.1	2.9	87.6	
93.6	6.4	58.0	97.3	2.7	87.2	
94.7	5.3	55.8	97.8	2.2	87.0	
96.3	3.7	51.2	98.3	1.7	86.5	
96.5	3.5	51.5	98.5	1.5	86.5	
97.7	2.3	49.0	99.0	1.0	86.3	
98.0	2.0	47.2	99.1	0.9	85.7	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1844 (продолжение)

Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый натрий, г/100 г растворителя	этиловый спирт	вода		
вес. %						

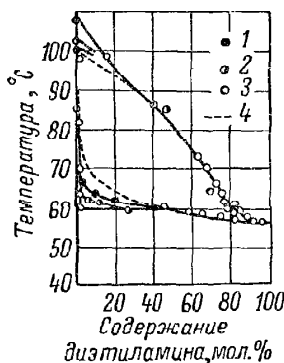
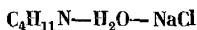
Ненасыщенные растворы

84.9	15.1	81.3	93.6	6.4	89.6	700
93.6	6.4	37.7	96.8	3.2	83.0	
93.7	6.3	35.2	96.6	3.4	82.3	
93.7	6.3	41.6	96.8	3.2	83.6	
93.9	6.1	31.2	96.6	3.4	81.3	
94.0	6.0	43.0	96.8	3.2	83.7	
94.2	5.8	—	96.3	3.7	80.9	
94.2	5.8	—	96.3	3.7	81.0	
94.4	5.6	15.0	95.8	4.2	78.6	

№ 1845 ЭТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ НАТРИЙ [70]
C₂H₅O—H₂O—NaCl

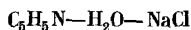
Состав жидкости *			Состав пара, мол. %		Коэффициент активности этилового спирта	t	P
этиловый спирт	вода	хлористый натрий, г/л	этиловый спирт	вода			
мол. %							
2.02	97.98	58.5	22.70	77.30	6.24	94.06	760
5.19	94.81		40.28	59.72	5.30	88.04	
7.93	92.07		47.35	52.65	4.60	85.37	
11.66	88.34		52.24	47.76	3.70	84.10	
29.03	70.97		61.00	39.00	1.90	80.97	
37.89	62.11		64.15	35.85	1.59	80.34	
50.54	49.46		68.50	31.50	1.26	79.40	
68.57	31.43		75.24	24.76	1.10	78.77	
72.68	27.32		77.50	22.50	1.10	78.64	
79.70	20.30		82.50	17.50	1.05	78.40	
83.70	16.30		84.10	15.90	1.03	78.30	
85.30	14.70		86.60	13.40	1.03	78.30	
90.70	9.30		91.00	9.00	1.02	78.20	
94.00	6.00		93.84	6.16	1.01	78.20	
98.68	1.32		98.42	1.58	1.01	78.26	

* Состав жидкости рассчитан без учета содержащейся в ней соли.



$$P = 760 \text{ мм}$$

Состав жидкости рассчитан без учета содержащейся в ней соли. 1 — 5% NaCl; 2 — 10% NaCl; 3 — насыщенный раствор; 4 — бинарный раствор (без соли).



Состав жидкости,* вес. %			Состав пара, вес. %		Коэффициент активности		<i>t</i>	<i>P</i>
пиридин	вода	хлористый натрий	пиридин	вода	пиридин	вода		
3.0	97.0	8.0	36.3	63.7	26.0	1.00	98.3	760
3.2	96.8		38.1	61.9	25.9	0.99	98.5	768
6.8	93.2		52.3	47.7	20.6	0.98	96.4	776
12.8	87.2		57.1	42.9	12.6	1.01	95.0	759
25.8	74.2		60.1	39.9	6.2	1.03	94.7	761
32.4	67.6		60.3	39.7	4.67	1.06	95.1	771
45.6	54.4		62.2	37.8	3.03	1.12	95.2	771

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Состав жидкости, * мол. %			Состав пара, мол. %		t	P
вода	фенол	хлористый натрий	вода	фенол		
97.34	2.66	10% по весу	96.72	3.28	104.4	765
98.60	1.40		96.79	3.21	104.0	750
99.29	0.71		97.18	2.82	104.4	748
99.63	0.37		98.20	1.80	104.0	748
94.88	5.12		96.06	3.94	140.2	3090
96.42	3.58		96.12	3.82	149.0	
97.86	2.14		96.15	3.85	148.3	
98.14	1.86		96.22	3.78	149.4	
98.80	1.20		96.43	3.57	148.9	
99.13	0.87		96.63	3.37	148.3	
99.34	0.66		97.12	2.88	148.9	
99.60	0.40		98.26	1.74	148.9	
98.67	1.33		96.93	3.07	147.0	
98.84	1.16		96.96	3.04	147.5	
98.91	1.09		97.10	2.90	147.0	
99.075	0.925		97.19	2.81	147.4	
99.34	0.66		98.00	2.00	148.6	
97.27	2.73		96.23	3.77	149.8	
97.87	2.13		96.39	3.61	149.7	
99.01	0.09		96.48	3.52	149.2	
99.325	0.675		96.61	3.39	149.7	
99.47	0.53		97.75	2.25	149.8	
99.55	0.45		97.61	2.39	150.0	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

№ 1849 МЕТИЛОВЫЙ СПИРТ—ВОДА—БРОМИСТЫЙ НАТРИЙ [11]
CH₄O—H₂O—NaBr

Состав жидкости *			Состав пара, мол. %		t	P
метиловый спирт	вода	бромистый натрий, г/1000 г растворителя	метиловый спирт	вода		
мол. %						
0.0	100.0	0.0	0.0	100.0	25	23.78
0.0	100.0	102.9	0.0	100.0		22.97
0.0	100.0	205.8	0.0	100.0		22.07
0.0	100.0	411.6	0.0	100.0		20.09
0.0	100.0	627.7	0.0	100.0		17.72
0.0	100.0	936.4	0.0	100.0		13.40
14.8	85.2	0.0	57.5	42.5		48.7

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1849 (продолжение)

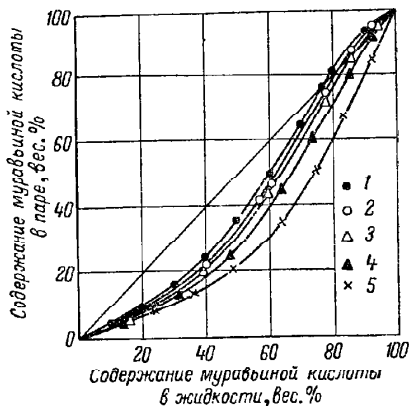
Состав нидкости *			Состав пара, мол. %		t	P
метиловый спирт	вода	оромистый натрий, г/1000 г растворителя	метиловый спирт	вода		
мол. %						
14.8	85.2	102.9	60.2	39.8	25	49.8
14.8	85.2	205.8	62.7	37.3		50.1
14.8	85.2	411.6	67.5	32.5		51.1
14.8	85.2	730.6	75.6	24.4		50.4
29.2	70.8	0.0	72.1	27.9		66.8
29.2	70.8	102.9	74.1	25.9		68.0
29.2	70.8	205.8	76.2	23.8		68.9
29.2	70.8	411.6	79.7	20.3		68.6
29.2	70.8	586.5	82.0	18.0		65.2
50.0	50.0	0.0	83.6	16.4		84.7
50.0	50.0	102.9	85.0	15.0		85.1
50.0	50.0	205.8	86.1	13.9		84.3
50.0	50.0	411.6	88.4	11.6		80.4
70.0	30.0	0.0	91.1	8.9		101.4
70.0	30.0	102.9	92.1	7.9		99.5
70.0	30.0	205.8	92.6	7.4		95.7
70.0	30.0	288.1	93.2	6.8		91.4
90.0	10.0	0.0	97.3	2.7		119.4
90.0	10.0	102.9	97.7	2.3		114.2
90.0	10.0	200.6	97.9	2.1		107.3
100.0	0.0	0.0	100.0	0.0	40	127.1
100.0	0.0	102.9	100.0	0.0		120.2
100.0	0.0	174.9	100.0	0.0		114.2
0.0	100.0	0.0	0.0	100.0		50.0
0.0	100.0	102.9	0.0	100.0		53.2
0.0	100.0	205.8	0.0	100.0		51.3
0.0	100.0	411.6	0.0	100.0		46.4
0.0	100.0	1059.9	0.0	100.0		30.1
29.2	70.8	0.0	70.3	29.7		144.8
29.2	70.8	102.9	72.1	27.9		146.7
29.2	70.8	205.8	73.7	26.3		149.2
29.2	70.8	411.6	76.5	23.5		148.9
29.2	70.8	643.1	79.3	20.7		140.6
50.0	50.0	0.0	81.8	18.2		181.6
50.0	50.0	102.9	83.1	16.9		182.2
50.0	50.0	205.8	84.2	15.8		180.7
50.0	50.0	411.6	86.3	13.7		172.8
70.0	30.0	0.0	90.2	9.8		211.4
70.0	30.0	102.9	91.0	9.0		207.2
70.0	30.0	205.8	91.8	8.2		203.2
70.0	30.0	298.4	92.2	7.8		197.5
100.0	0.0	0.0	100.0	0.0		266.0
100.0	0.0	102.9	100.0	0.0		257.0
100.0	0.0	162.6	100.0	0.0		251.0

ДВУОКИСЬ УГЛЕРОДА—ВОДА—КАРБОНАТ НАТРИЯ
 $\text{CO}_2\text{—H}_2\text{O—Na}_2\text{CO}_3$

Состав жидкости, вес. %			Состав пара, вес. %		<i>t</i>	<i>P</i>
двуокись углерода *	вода	карбонат натрия	двуокись углерода	вода		
0.21	99.26	0.53	60.6	39.4	20	28.7
0.21	99.26	0.53	54.7	45.3	35	62.9
0.21	99.26	0.53	51.3	48.7	35	60.2
0.20	99.27	0.53	26.2	73.8	50	105.5
0.17	99.3	0.53	8.8	91.2	65	194.5
0.85	96.59	2.56	67.1	32.9	20	32.5
0.81	96.63	2.56	62.0	38.0	20	28.8
0.78	96.66	2.56	45.9	54.1	35	56.2
0.85	96.59	2.56	46.5	53.5	50	123.7
0.95	96.49	2.56	60.3	39.7	65	303.7
1.24	93.79	4.97	58.4	41.6	20	26.8
1.14	93.89	4.97	50.0	50.0	20	24.3
1.84	93.23	4.93	86.6	13.4	35	176.6
1.72	93.34	4.94	73.2	26.8	50	196.0
1.75	93.29	4.96	72.8	27.2	50	202.4
1.64	93.4	4.96	60.2	39.8	65	309.2

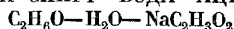
* Двуокись углерода связана в растворе в виде бикарбоната натрия.

ВОДА—МУРАВЬИНАЯ КИСЛОТА—МУРАВЬИНОКИСЛЫЙ НАТРИЙ
 $\text{H}_2\text{O—CH}_2\text{O}_2\text{—NaHCO}_2$



$P = 760 \text{ мм}$

1 — $\text{CH}_2\text{O}_2\text{—H}_2\text{O}$; 2 — $\text{CH}_2\text{O}_2\text{—H}_2\text{O} + 5.4\% \text{ NaHCO}_2$;
 3 — $\text{CH}_2\text{O}_2\text{—H}_2\text{O} + 10.4\% \text{ NaHCO}_2$; 4 — $\text{CH}_2\text{O}_2\text{—H}_2\text{O} + 19.7\% \text{ NaHCO}_2$;
 5 — $\text{CH}_2\text{O}_2\text{—H}_2\text{O} + 36.5\% \text{ NaHCO}_2$.



Состав жидкости *			Состав пара, мол. %		Коеффициент активности этилового спирта	t	P
этиловый спирт	вода	ацетат натрия, г/л	этиловый спирт	вода			
мол. %							
1.9	98.1	82	21.5	78.5	5.92	94.50	760
4.8	95.2		39.8	60.2	5.24	89.10	
8.4	91.6		47.6	52.4	4.25	85.53	
13.3	86.7		53.0	47.0	3.31	83.48	
27.7	72.3		61.0	39.0	2.04	81.33	
36.6	63.4		65.0	35.0	1.64	80.56	
45.0	55.0		67.4	32.6	1.35	80.13	
56.8	43.2		73.0	27.0	1.10	79.93	
76.7	23.3		80.1	19.9	1.04	79.54	
80.4	19.6		87.7	12.3	1.04	79.47	
84.0	16.0		89.6	10.4	1.03	79.37	
86.5	13.5		91.0	9.0	1.02	79.27	
92.1	7.9		95.0	5.0	1.01	78.97	
95.5	4.5		96.7	3.3	1.00	78.77	

* Состав жидкости рассчитан без учета содержащейся в ней соли.



Состав жидкости, * мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	нитрат калия	этиловый спирт	вода		
0.0	100.0	Насыщенный раствор	0.0	100.0	118.2	760
0.2	99.8		7.9	92.1	—	
0.4	99.6		16.7	83.3	—	
0.8	99.2		38.0	62.0	—	
1.2	98.8		43.7	56.3	—	
1.6	98.4		47.9	52.1	—	
2.0	98.0		51.0	49.0	96.2	
2.4	97.6		53.5	46.5	—	
2.8	97.2		55.7	44.3	—	
3.3	96.7		57.2	42.8	—	
3.7	96.3		58.4	41.6	—	
4.2	95.8		59.3	40.7	84.0	
5.1	94.9		60.6	39.4	—	
6.0	94.0		62.2	37.8	—	
6.9	93.1		63.3	36.7	—	
7.9	92.1		64.5	35.5	—	
8.9	91.1		65.0	35.0	80.4	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1853 (продолжение)

Состав жидкости,* мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	нитрат калия	этиловый спирт	вода		
11.5	88.5	Насыщенный раствор	65.0	35.0	80.4	760
14.3	85.7		65.0	35.0	80.6	
17.4	82.6		65.0	35.0	—	
20.7	79.3		65.0	35.0	80.6	
24.2	75.8		65.0	35.0	—	
28.1	71.9		65.3	34.7	80.6	
32.3	67.7		66.0	34.0	—	
36.9	63.1		66.5	33.5	80.2	
42.1	57.9		66.9	33.1	—	
47.8	52.2		67.8	32.2	80.0	
54.0	46.0		68.8	31.2	—	
57.3	42.7		70.0	30.0	—	
61.1	38.9		71.1	28.9	79.2	
64.8	35.2		73.0	27.0	—	
68.8	31.2		74.4	25.6	—	
73.2	26.8		77.7	22.3	—	
77.9	22.1		80.8	19.2	78.6	
81.7	18.3		83.8	16.2	—	
85.8	14.2		87.2	12.8	—	
90.3	9.7		90.1	9.9	—	
93.0	7.0		94.2	5.8	—	
97.5	2.5		96.8	3.2	—	
99.0	1.0		98.2	1.8	—	
100.0	0.0		100.0	0.0	78.3	

№ 1854 ЭТИЛОВЫЙ СПИРТ—ВОДА—СУЛЬФАТ КАЛИЯ [1044]



Состав жидкости,* мол. %			Состав пара, мол. %		Коэффициент активности		t	P
этиловый спирт	вода	сульфат калия	этиловый спирт	вода	этиловый спирт	вода		
10.0	90.0	Насыщенный раствор То же » »	46.8	53.2	3.65	1.05	84.6	760
15.3	84.7		51.7	48.3	2.74	1.06	83.6	
18.4	81.6		51.5	48.5	2.34	1.14	82.7	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

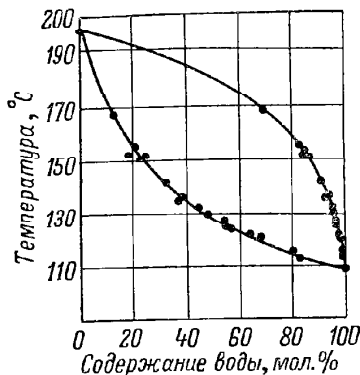
Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	хлористый калий, г/100 г растворителя	этиловый спирт	вода		
вес. %						
2.4	97.6	53.0	46.1	53.9	97.3	700
8.8	91.2	43.8	72.0	28.0	85.6	
11.4	88.6	40.8	74.0	26.0	83.9	
17.7	82.3	34.7	78.5	21.5	81.4	
23.6	76.4	29.7	79.7	20.3	80.6	
35.3	64.7	21.7	80.0	20.0	79.9	
37.1	62.9	20.4	80.2	19.8	79.7	
40.8	59.2	18.4	80.8	19.2	79.5	
46.0	54.0	15.3	80.8	19.2	79.3	
46.2	53.8	15.3	81.2	18.8	79.6	
47.5	52.5	14.35	80.4	19.6	79.6	
55.3	44.7	10.4	82.1	17.9	79.2	
56.9	43.1	9.5	80.6	19.4	78.9	
59.5	40.5	8.3	82.4	17.6	79.1	
60.4	39.6	6.7	81.8	18.2	79.1	
62.7	37.3	6.9	82.6	17.4	78.8	
66.3	33.7	5.4	82.7	17.3	78.6	
73.8	26.2	3.0	83.9	16.1	77.7	
76.4	23.6	2.35	85.0	15.0	77.9	
78.3	21.7	1.9	85.4	14.6	77.7	
79.7	20.3	—	85.6	14.4	77.7	
79.9	20.1	1.5	86.5	13.5	77.8	
86.8	13.2	0.60	89.4	10.6	77.3	
91.3	8.7	0.28	92.3	7.7	77.0	
91.3	8.7	0.30	92.3	7.7	77.0	

Ненасыщенные растворы

72.0	28.0	0.53	82.8	17.2	78.6
72.4	27.6	0.58	83.3	16.7	78.4
73.7	26.3	0.30	83.5	16.5	78.3
77.8	22.2	0.93	85.6	14.4	78.0
83.4	16.6	0.97	87.4	12.6	77.4
83.6	16.4	0.95	87.6	12.4	77.4

* Состав жидкости рассчитан без учета содержащейся в ней соли.

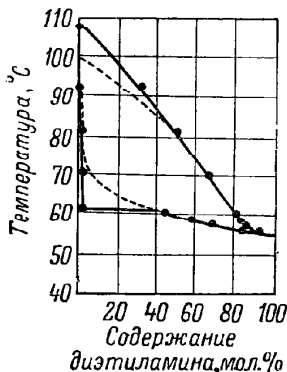
ВОДА—ЭТИЛЕНГЛИКОЛЬ—
ХЛОРИСТЫЙ КАЛИЙ
 $\text{H}_2\text{O}-\text{C}_2\text{H}_6\text{O}_2-\text{KCl}$



$P = 760$ мм

Жидкая фаза — насыщенный раствор KCl.
На графике приведен состав жидкости,
рассчитанный без учета содержащейся
в ней соли.

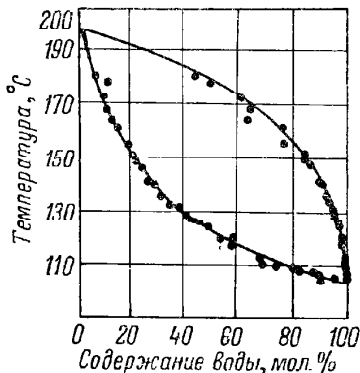
ДИЭТИЛАМИН—ВОДА—
ХЛОРИСТЫЙ КАЛИЙ
 $\text{C}_4\text{H}_{11}\text{N}-\text{H}_2\text{O}-\text{KCl}$



$P = 760$ мм

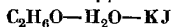
Состав жидкости рассчитан без
учета содержащейся в ней соли.
Сплошной линией дан насыщенный
раствор, прерывистой — бинарный
(без соли).

ВОДА—ЭТИЛЕНГЛИКОЛЬ—БРОМИСТЫЙ КАЛИЙ
 $\text{H}_2\text{O}-\text{C}_2\text{H}_6\text{O}_2-\text{KBr}$



$P = 760$ мм

Жидкая фаза — насыщенный раствор KBr.
На графике приведен состав жидкости,
рассчитанный без учета содержащейся
в ней соли.

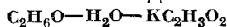


Состав жидкости *			Состав пара, вес. %		t	P
этиловый спирт	вода	йодистый калий, г/100 г растворителя	этиловый спирт	вода		
вес. %						
38.0	62.0	107.0	83.7	16.3	83.0	700
43.5	56.5	94.0	85.0	15.0	82.4	
54.5	45.5	72.2	86.0	14.0	81.3	
65.8	34.2	53.2	87.0	13.0	80.4	
73.1	26.9	41.0	88.5	11.5	79.7	
75.8	24.2	36.7	88.7	11.3	79.4	
81.0	19.0	27.2	90.1	9.9	78.8	
84.5	15.5	22.7	91.0	9.0	78.4	
85.9	14.1	20.2	91.5	8.5	78.3	
89.6	10.4	14.5	92.9	7.1	77.9	
90.9	9.1	13.4	93.3	6.7	77.7	
92.2	7.8	11.4	94.1	5.9	77.5	
93.4	6.6	10.0	94.7	5.3	77.4	
94.8	5.2	8.4	95.7	4.3	77.3	
96.0	4.0	7.0	96.4	3.6	77.3	
97.5	2.5	5.5	97.6	2.4	77.1	
97.7	2.3	5.0	97.8	2.2	77.2	
98.0	2.0	5.0	98.1	1.9	77.2	
98.4	1.6	4.7	98.4	1.6	77.1	
98.7	1.3	4.5	98.6	1.4	77.0	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

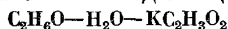


Состав жидкости, вес. %			Состав пара, вес. %		t	P
вода	этиловый спирт	карбонат калия	вода	этиловый спирт		
80.60	19.40	0.00	38.60	61.40	25	36.5
78.97	18.50	2.53	35.85	64.15		38.0
75.83	17.30	6.87	31.14	68.86		40.6
73.63	16.51	9.86	28.30	71.70		43.5
68.64	15.49	15.87	23.16	76.84		48.0
79.76	20.24	0.00	33.97	66.03	50	147.0
76.45	19.40	4.15	30.27	69.73		154.5
72.62	17.81	9.57	25.54	74.46		167.0
69.43	16.60	13.97	23.49	76.51		178.0
67.25	16.65	16.10	21.63	78.37		186.0



Состав жидкости *			Состав пара, мол. %		Коэффициент активности этилового спирта	t	P
этиловый спирт	вода	ацетат калия, г/л	этиловый спирт	вода			
мол. %							
1.8	98.2	98	25.2	74.8	7.2	95.12	760
3.6	96.4		37.0	63.0	6.4	90.92	
6.5	93.5		44.8	55.2	5.07	86.22	
13.5	86.5		53.4	46.6	3.3	83.67	
23.6	76.4		59.4	40.6	2.2	81.82	
37.1	62.9		66.2	33.8	1.6	80.52	
61.1	38.9		77.0	23.0	1.2	79.52	
81.2	18.8		87.6	12.4	1.03	79.52	
83.7	16.3		89.4	10.6	1.0	79.57	
87.8	12.2		92.2	7.8	1.0	79.67	
90.5	9.5		93.9	6.1	1.0	79.72	
93.9	6.1		96.7	3.3	0.97	79.77	
96.8	3.2		98.4	1.6	0.95	79.92	

* Состав жидкости рассчитан без учета содержащейся в ней соли.



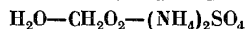
Состав жидкости, * вес. %			Состав пара, вес. %		t	P
этиловый спирт	вода	ацетат калия	этиловый спирт	вода		
88.03	11.97	0	89.98	10.02	Нет данных	700
92.05	7.95		92.85	7.15		
94.44	5.56		94.58	5.42		
94.86	5.14		94.97	5.03		
96.08	3.92		96.02	3.98		
96.64	3.36		96.55	3.45		
96.81	3.19		96.70	3.30		
97.40	2.60		97.23	2.77		
97.64	2.36		97.50	2.50		
98.01	1.99		97.86	2.14		
98.60	1.40		98.48	1.52		
99.20	0.80		99.13	0.87		
99.33	0.67		99.27	0.73		
99.90	0.10		99.89	0.11		
93.20	6.80	10.82	95.72	4.28		
95.07	4.93	11.30	96.85	3.15		
95.00	5.00	10.94	96.77	3.23		
96.44	3.56	11.00	97.61	2.39		
97.78	2.22	11.16	98.49	1.51		
98.20	1.80	10.78	98.70	1.30		

* Состав жидкости рассчитан без учета содержащейся в ней соли.

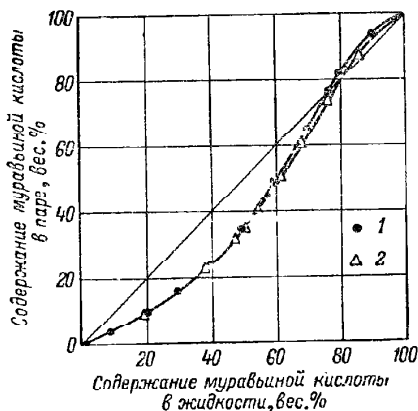
Состав жидкости, * вес. %			Состав пара, вес. %		t	P
этиловый спирт	вода	ацетат калия	этиловый спирт	вода		
98.83	1.17	11.23	99.14	0.86	Нет данных	760
99.74	0.26	11.02	99.79	0.21		
91.00	9.00	14.00	95.09	4.91		
94.42	5.58	14.14	96.82	3.18		
96.79	3.21	14.20	98.14	1.86		
98.39	1.61	14.12	98.97	1.03		
99.61	0.39	14.38	99.72	0.28		
92.31	7.69	17.26	96.26	3.74		
94.79	5.21	17.06	97.28	2.72		
97.20	2.80	17.47	98.49	1.51		
97.62	2.38	17.53	98.79	1.21		
97.90	2.10	17.43	98.82	1.18		
98.18	1.82	17.47	98.94	1.06		
99.38	0.62	17.20	99.60	0.40		
99.54	0.46	17.37	99.70	0.30		
99.60	0.40	17.39	99.74	0.26		
90.68	9.32	19.67	95.87	4.13		
94.26	5.74	20.12	97.33	2.67		
96.20	3.80	20.06	98.17	1.83		
97.25	2.75	20.05	98.61	1.39		
98.59	1.41	19.19	99.23	0.77		

№ 1863

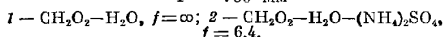
ВОДА—МУРАВЬИНАЯ КИСЛОТА—СУЛЬФАТ АММОНИЯ



[579]

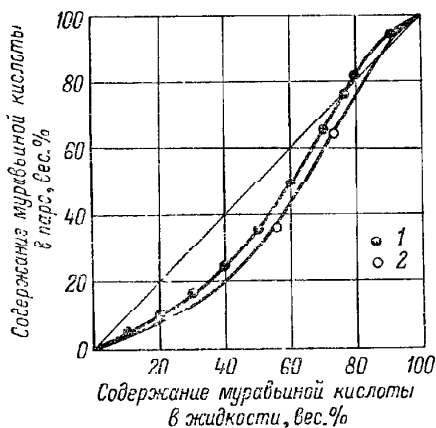
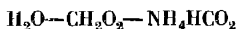


$$P = 760 \text{ мм}$$



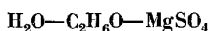
$$f = \frac{\text{вес. \% H}_2\text{O}}{\text{вс. \% } (\text{NH}_4)_2\text{SO}_4}$$

ВОДА—МУРАВЬИНАЯ КИСЛОТА—МУРАВЬИНОКИСЛЫЙ АММОНИЙ


 $P = 760 \text{ мм}$

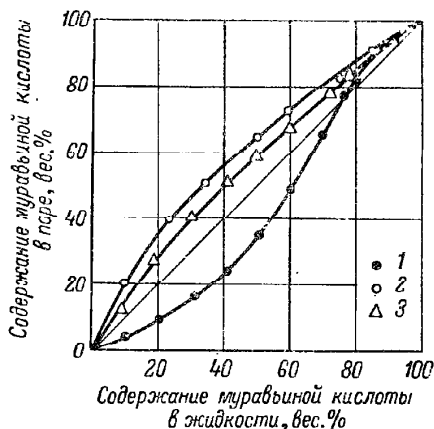
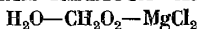
1 $\text{CH}_2\text{O}_2 - \text{H}_2\text{O}$; 2 $\text{CH}_2\text{O}_2 - \text{H}_2\text{O} - \text{NH}_4\text{HCO}_2$
насыщенный.

ВОДА—ЭТИЛОВЫЙ СПИРТ—СУЛЬФАТ МАГНИЯ



Состав жидкости, вес. %			Состав пара, вес. %		t	P
вода	этиловый спирт	сульфат магния	вода	этиловый спирт		
80.87	19.13	0.00	38.51	61.49	25	36.0
79.18	18.04	2.78	36.62	63.38		37.2
78.32	16.30	5.38	33.93	66.07		39.2
74.24	17.70	8.06	31.55	68.45		39.7
71.01	16.65	12.34	29.07	70.93	50	41.7
80.60	19.40	0.00	34.80	65.20		145.0
79.37	18.26	2.37	33.86	66.14		148.0
75.01	17.85	5.14	29.95	70.05		156.0
72.17	18.77	9.95	26.21	73.79		168.5
68.73	16.95	14.32	24.84	75.16		178.0

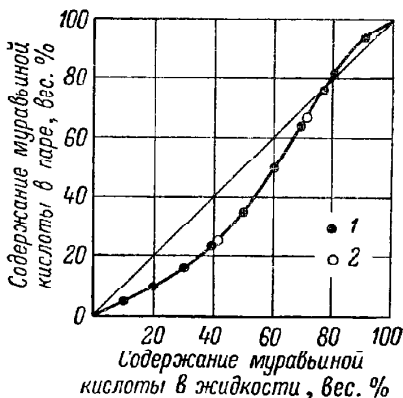
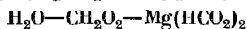
ВОДА—МУРАВЬИНАЯ КИСЛОТА—ХЛОРИСТЫЙ МАГНИЙ


 $P = 760 \text{ мм}$

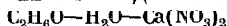
1 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}$, $f = \infty$; 2 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{MgCl}_2$,
 $f = 2.4$; 3 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{MgCl}_2$, $f = 3.0$.

$$f = \frac{\text{вес. \% H}_2\text{O}}{\text{вес. \% MgCl}_2}$$

ВОДА—МУРАВЬИНАЯ КИСЛОТА—МУРАВЬИНОКИСЛЫЙ МАГНИЙ


 $P = 760 \text{ мм}$

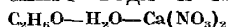
1 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}$; 2 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{Mg}(\text{HCO}_2)_2$
 насыщенный.



Состав жидкости *			Состав пара, мол. %		t	P
этиловый спирт	вода	нитрат кальция, г/л растворителя	этиловый спирт	вода		
мол. %						
2.2	97.8	164.1	23.9	76.1	94.4	760
4.7	95.3		40.0	60.0	89.3	
8.4	91.6		49.2	50.8	85.4	
12.7	87.3		53.5	46.5	83.5	
24.5	75.5		60.8	39.2	81.7	
38.4	61.6		67.3	32.7	80.0	
52.0	48.0		73.5	26.5	80.0	
69.4	30.6		82.4	17.6	80.0	
78.6	21.4		88.6	11.4	80.0	
80.6	19.4		89.6	10.4	80.0	
83.9	16.1		91.8	8.2	80.0	
86.3	13.7		93.5	6.5	80.0	
91.6	8.4		96.7	3.3	80.0	
97.0	3.0		99.0	1.0	80.0	

Примечание. Все данные рассчитаны по графикам, приведенным в статье.

* Состав жидкости рассчитан без учета содержащейся в ней соли.



Состав жидкости, вес. %			Состав пара, вес. %		t	P
этиловый спирт	вода	нитрат кальция	этиловый спирт	вода		
17.9	16.1	66.0	92.2	7.8	99.9	700
24.3	13.0	62.7	94.1	5.9	97.4	
26.8	11.4	61.8	94.7	5.3	95.8	
46.3	2.9	50.8	98.9	1.1	86.9	
43.7	4.1	52.2	98.5	1.5	87.5	
29.4	10.7	50.9	95.2	4.8	94.0	
48.7	2.6	48.7	98.6	1.4	85.8	
45.5	3.6	50.9	98.2	1.8	88.0	
45.7	3.7	50.6	98.1	1.9	88.1	
39.0	6.0	55.0	97.0	3.0	90.1	
28.9	10.4	60.7	94.6	5.4	92.1	
31.2	9.7	59.1	95.6	4.4	92.1	
27.6	10.8	61.6	95.0	5.0	94.3	
22.1	13.2	64.7	94.0	6.0	96.1	
19.7	14.1	66.2	93.5	6.5	96.8	
9.4	18.5	72.1	90.8	9.2	100.9	
4.4	20.6	75.0	86.8	13.2	102.1	

Таблица № 1869 (продолжение)

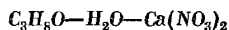
Состав жидкости, вес. %			Состав пара, вес. %		t	P
этиловый спирт	вода	нитрат кальция	этиловый спирт	вода		
1.4	24.9	76.7	75.4	24.6	124.0	700
50.8	1.4	47.8	99.4	0.6	85.6	
49.7	1.8	48.5	99.1	0.9	86.3	
39.9	7.4	52.7	96.5	3.5	89.7	
37.2	6.7	56.1	96.9	3.1	91.8	
34.4	8.5	57.1	96.3	3.7	92.8	
11.1	17.9	71.0	91.0	9.0	103.4	
7.5	19.5	73.0	89.5	10.5	107.4	
8.0	19.3	72.7	90.1	9.9	102.8	
6.8	19.7	73.5	89.6	10.4	103.2	
18.4	15.0	66.6	93.3	6.7	97.9	
4.5	20.9	74.6	86.5	13.5	111.6	
2.0	21.8	76.2	77.2	22.8	121.7	
1.1	22.1	76.8	67.6	32.4	128.9	

№ 1870 ПРОПИЛЛОВЫЙ СПИРТ—ВОДА—НИТРАТ КАЛЬЦИЯ [907]
 $C_3H_7O-H_2O-Ca(NO_3)_2$

Состав жидкости,* вес. %			Состав пара, вес. %		t	P
пропиловый спирт	вода	нитрат кальция	пропиловый спирт	вода		
53.8	46.2	0.0	68.2	31.8	86.6	707
69.6	30.4	0.0	71.7	28.3	86.6	707
69.5	30.5	0.0	71.4	28.6	86.8	713
81.3	18.7	0.0	75.3	24.7	87.1	711
81.8	18.2	0.0	75.3	24.7	87.3	709
87.1	12.9	45.5	94.6	5.4	100.0	705
89.3	10.7	42.0	95.2	4.8	99.7	710
92.2	7.8	41.6	96.4	3.6	99.5	706
92.6	7.4	40.4	96.6	3.4	99.2	705
90.0	4.0	35.7	97.7	2.3	98.5	705
98.5	1.5	30.6	99.4	0.6	97.9	705
99.1	0.9	28.8	99.5	0.5	97.7	706
57.4	42.6	27.0	70.4	20.6	80.0	706
66.9	33.1	25.9	81.1	18.9	89.8	708
75.9	24.1	26.2	84.4	15.6	91.2	710
78.7	21.3	20.1	83.0	17.0	90.4	709
81.1	18.9	26.0	86.8	13.2	92.1	697
91.7	8.3	26.1	93.4	6.6	95.6	710
91.9	8.1	35.5	95.5	4.5	98.4	709
92.0	8.0	13.5	81.9	18.1	89.5	711
92.1	7.9	18.3	91.7	8.3	93.6	708
92.3	7.7	12.4	89.8	10.2	92.2	707

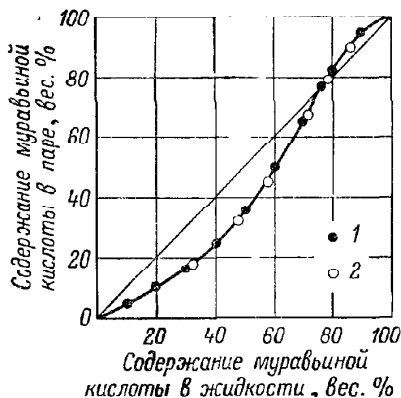
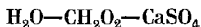
* Состав жидкости рассчитан без учета содержащейся в ней соли.

ИЗОПРОПИЛОВЫЙ СПИРТ—ВОДА—НИТРАТ КАЛЬЦИЯ



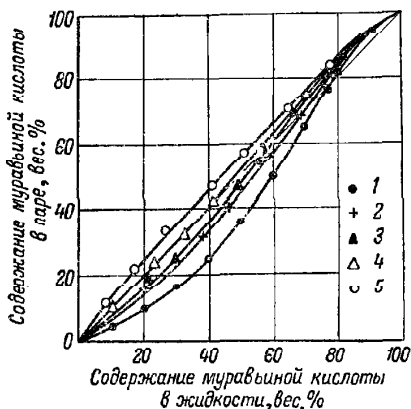
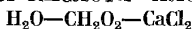
Состав жидкости,* вес. %			Состав пара, вес. %		t	P
изопропиловый спирт	вода	нитрат кальция	изопропиловый спирт	вода		
68.7	31.3	0.0	81.2	18.8	79.8	698
72.5	27.5	0.0	82.0	18.0	79.8	706
81.6	18.4	0.0	84.6	15.4	79.8	707
82.5	17.5	0.0	85.0	15.0	78.8	698
98.5	1.5	0.0	98.0	2.0	80.3	697
99.9	0.1	0.0	99.85	0.15	81.1	706
52.6	47.4	63.0	95.3	4.7	88.2	708
59.5	40.5	60.0	95.7	4.3	87.4	707
70.8	29.2	55.4	96.7	3.3	87.0	705
72.8	27.2	54.1	96.4	3.6	86.8	707
74.4	25.6	50.2	96.3	3.7	85.4	705
81.1	18.9	47.2	96.9	3.1	85.0	707
81.8	18.2	47.1	96.7	3.3	84.5	705
83.5	16.5	45.1	97.0	3.0	84.7	705
84.8	15.2	43.7	96.8	3.2	84.7	709
86.5	13.5	40.8	97.3	2.7	83.5	707
87.5	12.5	39.4	97.3	2.7	83.7	708
89.3	10.7	37.1	97.6	2.4	83.4	708
89.7	10.3	36.7	97.7	2.3	83.7	706
90.2	9.8	35.5	97.8	2.2	82.7	707
91.2	8.8	33.3	97.8	2.2	82.9	707
92.3	7.7	31.0	97.8	2.2	82.6	708
92.6	7.4	29.5	97.5	2.5	82.4	710
93.2	6.8	27.5	98.3	1.7	82.4	708
93.9	6.1	26.5	98.1	1.9	82.2	710
96.8	3.2	14.5	98.9	1.1	81.7	707
97.2	2.8	11.5	98.8	1.2	81.5	707
98.5	1.5	8.7	99.2	0.8	81.3	710
98.8	1.2	5.7	99.3	0.7	81.3	704

* Состав жидкости рассчитан без учета содержащейся в ней соли.



$$P = 760 \text{ мм}$$

1 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}$; 2 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{CaSO}_4$ насыщенный.



$$P = 760 \text{ мм}$$

1 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}$, $f = \infty$; 2 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{CaCl}_2$, $f = 6.8$; 3 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{CaCl}_2$, $f = 4.1$; 4 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{CaCl}_2$, $f = 3.2$; 5 — $\text{CH}_2\text{O}_2-\text{H}_2\text{O}-\text{CaCl}_2$, $f = 2.4$.

$$f = \frac{\text{вес. \% H}_2\text{O}}{\text{вес. \% CaCl}_2}$$

МЕТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ КАЛЬЦИЙ
 $\text{CH}_3\text{O}-\text{H}_2\text{O}-\text{CaCl}_2$

Состав жидкости, мол. %			Состав пара, мол. %		t	P
метиловый спирт	вода	хлористый кальций	метиловый спирт	вода		
23.03	62.80	14.11	87.6	12.4	15	14.2
24.53	61.06	14.41	88.4	11.6		14.5
26.15	58.93	14.87	89.2	10.8		14.5
28.33	56.25	15.42	90.0	10.0		14.2
29.84	53.98	16.08	90.1	9.9		13.7
14.26	71.95	13.79	81.4	18.6	20	16.2
21.00	63.94	15.06	87.3	12.7		17.8
23.34	61.03	15.65	88.2	11.8		17.5
25.06	58.48	16.46	89.2	10.8		16.9
26.32	56.88	16.80	89.2	10.8		16.5
0.00	88.34	11.66	0.0	100.0	25	6.85
2.02	85.77	12.21	39.3	60.7		10.30
3.73	83.46	12.81	54.0	46.0		12.37
4.35	82.39	13.26	59.2	40.8		12.85
4.62	81.76	13.62	61.3	38.7		12.96
4.68	81.60	13.72	61.5	38.5		12.82
4.73	81.52	13.75	62.2	37.8		12.79
7.66	78.26	14.08	71.8	29.2		16.0
9.67	76.03	14.30	76.3	23.7		18.4
16.58	68.17	15.25	83.5	16.5		21.3
17.67	66.75	15.58	84.1	15.9		21.9
19.62	64.36	16.02	85.2	14.8		21.7
20.92	62.74	16.34	85.8	14.2		21.6
21.81	61.48	16.71	86.0	14.0		21.4
23.94	58.01	18.05	87.0	13.0		19.6
26.29	56.20	17.51	88.4	11.6		21.9
31.93	51.72	16.35	90.6	9.4		27.0
37.23	47.18	15.59	91.4	8.6		31.7
41.51	43.30	15.19	92.6	7.4		35.3
46.71	38.74	14.55	92.9	7.1		39.4
51.64	34.32	14.04	93.9	6.1		43.4
56.73	29.54	13.73	95.1	4.9		47.4
62.82	23.60	13.58	96.5	3.5		51.0
63.91	23.33	12.76	96.5	3.5		55.1
65.50	22.12	12.32	97.5	2.5		57.8
69.50	19.00	11.50	98.1	1.9		63.4
74.53	14.76	10.71	98.8	1.2		69.6
80.82	9.56	9.62	99.3	0.7		79.9
86.69	4.59	8.72	99.8	0.2		88.5
91.67	0.00	8.33	100.0	0.0		93.5

ВОДА—УКСУСНАЯ КИСЛОТА—ХЛОРИСТЫЙ КАЛЬЦИЙ



Состав жидкости,* вес. %			Состав пара, вес. %		t	P
вода	уксусная кислота	хлористый кальций	вода	уксусная кислота		
5.0	95.0	0.0	8.5	91.5	111.0	760
10.0	90.0		16.5	83.5	108.2	
20.0	80.0		30.3	69.7	105.1	
30.0	70.0		41.8	58.2	103.4	
40.0	60.0		52.5	47.5	102.3	
50.0	50.0		62.2	37.8	101.7	
60.0	40.0		70.7	29.3	101.2	
70.0	30.0		78.2	21.8	100.8	
80.0	20.0		85.5	14.5	100.5	
90.0	10.0		92.8	7.2	100.2	
95.0	5.0		96.3	3.7	100.0	
5.0	95.0	10.0	4.5	95.5	—	
10.0	90.0		9.0	91.0	112.8	
20.0	80.0		18.2	81.8	109.3	
30.0	70.0		27.6	72.4	107.0	
40.0	60.0		37.2	62.8	105.4	
50.0	50.0		46.8	53.2	104.2	
60.0	40.0		56.8	43.2	103.5	
70.0	30.0		67.0	33.0	102.8	
80.0	20.0		77.5	22.5	102.3	
90.0	10.0		88.2	11.8	102.0	
95.0	5.0		93.8	6.2	101.8	
5.0	95.0	20.0	3.3	96.7	—	
10.0	90.0		6.5	93.5	—	
20.0	80.0		13.0	87.0	114.6	
30.0	70.0		19.6	80.4	112.1	
40.0	60.0		26.2	73.8	110.1	
50.0	50.0		33.7	66.3	108.4	
60.0	40.0		42.3	57.7	107.0	
70.0	30.0		53.2	46.8	105.9	
80.0	20.0		67.0	33.0	104.9	
90.0	10.0		81.6	18.4	104.4	
95.0	5.0		90.0	10.0	104.5	
5.0	95.0	30.0	2.4	97.6	—	
10.0	90.0		4.9	95.1	—	
20.0	80.0		10.0	90.0	—	
30.0	70.0		15.1	84.9	119.6	
40.0	60.0		20.6	79.4	116.8	
50.0	50.0		26.5	73.5	114.5	
60.0	40.0		33.8	66.2	112.8	
70.0	30.0		42.6	57.4	111.5	
80.0	20.0		53.6	46.4	110.6	
90.0	10.0		71.5	28.5	110.2	
95.0	5.0		84.5	15.5	110.3	
30.0	70.0	40.0	12.0	88.0	125.0	

* Состав жидкости рассчитан без учета содержащейся в ней воды.

Таблица № 1875 (продолжение)

Состав жидкости, * вес. %			Состав пара, вес. %		t	P
вода	уксусная кислота	хлористый кальций	вода	уксусная кислота		
40.0	60.0	40	16.5	83.5	122.1	760
50.0	50.0		21.7	78.3	120.0	
60.0	40.0		27.7	72.3	118.3	
70.0	30.0		35.0	65.0	116.9	
80.0	20.0		44.6	55.4	116.3	
90.0	10.0	50.0	61.5	38.5	117.0	
95.0	5.0		76.3	23.7	117.8	
60.0	40.0		21.0	79.0	127.5	
70.0	30.0		26.9	73.1	125.5	
80.0	20.0		36.5	63.5	124.8	
90.0	10.0	60.0	53.2	46.8	125.1	
95.0	5.0		69.0	31.0	126.2	
90.0	10.0		46.5	53.5	134.7	
92.5	7.5		52.0	48.0	135.0	
95.0	5.0		59.2	40.8	136.5	
97.0	3.0		67.0	33.0	138.0	
99.0	1.0		81.0	19.0	140.0	

№ 1876

[875]

ВОДА—УКСУСНАЯ КИСЛОТА—ХЛОРИСТЫЙ КАЛЬЦИЙ



Состав жидкости, * вес. %			Состав пара, вес. %		t	P
вода	уксусная кислота	хлористый кальций ** (в расчете на $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$)	вода	уксусная кислота		
9.6	90.4	32.9	11.0	89.0	122.2	760
9.9	90.1	35.0	10.5	89.5	122.1	
11.5	88.5	—	11.5	88.5	122.2	
19.2	80.8	50.3	14.1	85.9	122.4	
20.1	79.9	52.6	13.6	86.4	122.5	
41.5	58.5	62.5	19.9	80.1	125.8	
44.3	55.7	63.9	20.6	79.4	126.2	
63.6	36.4	73.2	29.8	70.2	—	
64.7	35.3	75.6	26.6	73.4	—	
86.8	13.2	82.4	47.3	52.7	—	
94.8	5.2	84.3	76.1	23.9	—	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

** Во всех случаях насыщенный раствор хлористого кальция.

Состав жидкости *			Состав пара. мол. %		Коэффициент активности		t	P
ЭТИЛОВЫЙ СПИРТ	вода	хлористый кальций, г/л	ЭТИЛОВЫЙ СПИРТ	вода	ЭТИЛОВЫЙ СПИРТ	вода		
МОЛ. %								
2.55	97.45	222	35.70	64.30	8.25	0.87	92.40	760
5.03	94.97		50.24	49.79	7.06	0.85	87.18	
8.81	91.19		59.23	40.77	5.60	0.82	83.73	
13.59	86.47		65.51	34.49	4.16	0.78	82.38	
27.49	72.51		73.56	26.44	2.36	0.73	81.57	
37.77	62.23		78.49	21.51	1.82	0.68	81.83	
50.26	49.74		83.80	16.20	1.43	0.63	82.40	
69.63	30.37		90.80	9.20	1.08	0.63	83.06	
86.06	13.94		96.57	3.43	0.93	0.46	83.29	
88.52	11.48		97.32	2.68	0.91	0.44	83.34	
90.61	9.39		97.73	2.27	0.90	0.46	83.21	
91.55	8.45		98.12	1.82	0.88	0.42	83.17	
96.25	3.75		99.31	0.69	0.85	0.35	83.14	
2.00	98.00	411	22.14	77.86	—	—	93.60	
4.54	95.46		40.28	59.72	—	—	88.15	
8.50	91.50		51.61	48.39	—	—	84.34	
10.22	89.78		55.06	44.94	—	—	82.51	
27.69	72.31		66.86	33.14	—	—	80.82	
37.03	62.97		70.34	29.66	—	—	80.30	
50.90	49.10		77.45	22.55	—	—	80.06	
69.10	30.90		86.67	13.33	—	—	80.27	
73.57	26.43		88.20	11.80	—	—	80.23	
89.41	10.59		93.69	6.31	—	—	80.25	
90.55	9.45		95.21	4.79	—	—	80.24	
93.44	6.56		96.14	3.86	—	—	80.26	
96.90	3.10		98.71	1.29	—	—	80.24	
2.94	97.06	55.5	27.00	73.00	5.49	1.01	92.00	
5.34	94.66		37.14	62.86	4.74	1.03	88.37	
8.50	91.50		44.97	55.03	4.01	1.04	85.36	
13.37	86.63		51.40	48.60	3.20	1.05	83.40	
19.65	80.35		56.50	43.50	2.50	1.07	82.06	
27.64	72.36		60.47	39.53	1.98	1.12	81.14	
37.06	62.94		65.28	34.72	1.64	1.18	80.32	
50.58	49.42		71.70	28.30	1.34	1.25	79.60	
70.21	29.79		83.12	16.88	1.16	1.26	79.02	
79.98	20.02		88.59	11.41	1.09	1.27	79.09	
84.05	15.95		90.70	9.30	1.06	1.30	79.07	
85.20	14.80		91.67	8.33	1.05	1.26	79.06	
92.10	7.90		95.00	5.00	1.01	1.41	79.10	
84.70	15.30	10.0	88.70	11.30	1.04	—	78.80	
90.80	9.20		92.30	7.70	1.01	—	78.84	
92.20	7.80		93.80	6.20	1.01	—	78.83	
93.90	6.10		95.20	4.80	1.01	—	78.83	
98.50	1.50		98.70	1.30	0.99	—	78.80	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1877 (продолжение)

Состав жидкости *			Состав пара, мол. %		Коэффициент активности		t	P
этиловый спирт	вода	хлористый кальций, г/л	этиловый спирт	вода	этиловый спирт	вода		
мол. %								
84.00	16.00	5.5	86.20	13.80	1.02	—	78.55	760
87.80	12.20		89.20	10.80	1.01	—	78.50	
89.55	10.45		90.70	9.30	1.01	—	78.50	
93.80	6.20		94.10	5.90	1.00	—	78.50	
95.80	4.20		96.10	3.90	1.00	—	78.50	
97.10	2.90		97.30	2.70	1.00	—	78.50	
84.10	5.00	2.5	86.30	13.70	1.01	—	78.62	
89.50	10.50		90.50	9.50	1.01	—	78.62	
93.50	6.50		93.80	6.20	1.00	—	78.50	
96.70	3.30		97.00	3.00	1.00	—	78.50	
85.20	4.80	1.0	86.40	13.60	1.01	—	78.40	
88.00	12.00		89.00	11.00	1.01	—	78.40	
92.40	7.60		92.50	7.50	1.00	—	78.50	
96.90	3.10	0.4	97.00	3.00	1.00	—	78.50	
85.10	14.90		86.20	13.80	1.01	—	78.50	
88.00	12.00		89.00	11.00	1.01	—	78.50	
93.60	6.40		93.50	6.50	1.00	—	78.50	
97.00	3.00		96.90	3.10	1.00	—	78.50	

№ 1878 ПРОПИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ КАЛЬЦИЙ [73]
 $C_3H_7O-H_2O-CaCl_2$

Состав жидкости *			Состав пара, мол. %		Коэффициент активности		t	P
пропило- вый спирт	вода	хлористый кальций, г/л	пропило- вый спирт	вода	пропило- вый спирт	вода		
мол. %								
1.21	98.79	111	28.65	71.35	27.71	0.93	93.07	760
1.56	98.44		28.81	71.19	21.97	0.95	92.64	
3.84	96.16		42.44	57.56	15.50	0.92	88.36	
3.90	96.10		41.89	58.11	15.32	0.94	88.09	
6.99	93.01		44.23	55.77	9.22	0.95	87.59	
8.37	91.63		44.59	55.41	7.71	0.95	87.75	
12.40	87.60		46.40	53.60	5.39	0.96	87.84	
15.33	84.67		48.29	51.71	4.49	0.95	88.06	
23.85	76.15		51.09	48.91	3.02	0.99	88.36	
32.75	67.25		54.99	55.01	2.30	1.00	89.12	
35.62	64.38		56.71	43.29	2.17	1.00	89.18	
47.21	52.79		63.59	36.41	1.72	0.96	90.95	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

Таблица № 1878 (продолжение)

Состав жидкости *			Состав пара, мол. %.		Коэффициент активности		t	P
пропило- вый спирт	вода	хлористый кальций, г/л	пропило- вый спирт	вода	пропило- вый спирт	вода		
мол. %								
62.22	37.78	111	72.74	27.26	1.34	0.91	93.66	760
67.31	32.69		76.06	23.94	1.26	0.90	94.31	
75.38	24.62		80.03	19.97	1.14	0.96	95.33	
80.90	19.10		84.26	15.74	1.07	0.93	96.45	
84.34	15.64		86.10	13.90	1.26	1.00	96.70	
86.33	13.67		88.02	11.98	1.02	0.97	97.20	
93.39	6.61		93.75	6.25	0.97	1.00	98.13	
95.16	4.84		95.79	4.21	0.95	0.91	98.64	

№ 1879

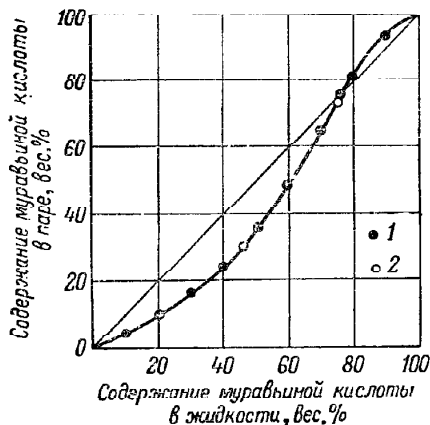
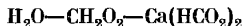
[67]

ИЗОПРОПИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ КАЛЬЦИЙ
 $C_3H_8O-H_2O-CaCl_2$

Состав жидкости *			Состав пара, мол. %		t	P
изопропило- вый спирт	вода	хлористый кальций, г/л	изопропило- вый спирт	вода		
мол. %						
1.29	98.71	111	42.14	57.86	89.75	760
3.63	96.37		50.28	49.72	83.10	
7.88	92.12		55.50	44.50	81.20	
10.24	89.76		58.20	41.80	81.10	
12.28	87.72		59.74	40.26	80.90	
15.80	84.20		61.10	38.90	80.60	
18.41	81.59		62.20	37.80	80.42	
21.13	78.87		63.10	36.90	80.22	
24.91	75.09		64.90	35.10	80.30	
30.43	69.57		67.50	32.50	80.20	
33.60	66.40		70.10	29.90	80.20	
44.20	55.80		75.22	24.78	80.23	
58.52	41.48		82.10	17.90	80.82	
63.40	36.60		83.40	16.60	81.12	
65.85	34.15		85.10	14.90	81.26	
73.80	26.20		89.25	10.75	81.36	
86.00	14.00		93.14	6.86	82.15	

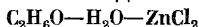
* Состав жидкости рассчитан без учета содержащейся в ней соли.

ВОДА—МУРАВЬИНАЯ КИСЛОТА—МУРАВЬИНОКИСЛЫЙ КАЛЬЦИЙ


 $P = 760 \text{ мм}$

1 — $\text{CH}_2\text{O}_2 - \text{H}_2\text{O}$; 2 — $\text{CH}_2\text{O}_2 - \text{H}_2\text{O} - \text{Ca}(\text{HCO}_2)_2$
насыщенный.

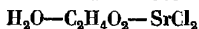
ЭТИЛОВЫЙ СПИРТ—ВОДА—ХЛОРИСТЫЙ ЦИНК



Состав жидкости*			Состав пара, мол. %		Коэффициент активностей этилового спирта	α	ρ
этиловый спирт	вода	хлористый цинк, г/л	этиловый спирт	вода			
мол. %							
2.20	97.80	136	26.33	73.67	6.86	92.82	760
5.64	94.36		39.48	60.52	4.74	88.12	
11.77	88.23		50.36	49.64	3.37	84.50	
14.34	85.66		52.26	47.74	2.95	83.50	
21.52	78.48		56.30	43.70	2.26	82.14	
30.85	69.15		60.10	39.90	1.75	81.06	
39.23	60.77		64.60	35.40	1.53	80.23	
52.42	47.58		69.20	30.80	1.27	79.42	
73.96	26.04		81.04	18.96	1.07	79.00	
80.53	19.47		86.21	13.79	1.05	78.94	
81.86	18.14		86.75	13.25	1.04	78.93	
85.00	15.00		89.15	10.85	1.03	78.90	
89.77	10.23		93.01	6.99	1.02	79.10	
94.65	5.35		95.86	4.14	0.95	80.30	

* Состав жидкости рассчитан без учета содержащейся в ней соли

ВОДА—УКСУСНАЯ КИСЛОТА—ХЛОРИСТЫЙ СТРОНЦИЙ



Состав жидкости,* вес. %			Состав пара, вес. %		t	P
вода	уксусная кислота	хлористый стронций ** (в расчете на $\text{SrCl}_2 \cdot 2\text{H}_2\text{O}$)	вода	уксусная кислота		
11.1	88.9	9.0	16.2	83.8	110.0	760
11.6	88.4	9.2	14.8	85.2	109.9	
21.1	78.9	15.0	24.3	75.7	109.0	
21.2	78.8	14.7	22.9	77.1	109.0	
26.6	73.4	—	26.6	73.4	108.9	
26.9	73.1	17.9	27.0	73.0	108.9	
27.2	72.8	18.2	26.9	73.1	108.9	
39.0	61.0	25.1	32.3	67.7	109.3	
51.1	48.9	31.5	35.8	64.2	110.2	
61.0	39.0	34.8	41.8	58.2	111.1	
62.9	37.1	36.4	41.6	58.4	111.3	
82.7	17.3	45.3	51.5	48.5	—	
84.9	15.1	47.6	52.9	47.1	—	
90.2	9.8	48.2	64.2	35.8	—	
92.0	8.0	50.4	67.2	32.8	—	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

** Во всех случаях насыщенный раствор хлористого стронция.

№ 1883 ВОДА—УКСУСНАЯ КИСЛОТА—ХЛОРИСТЫЙ БАРИЙ [875]



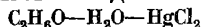
Состав жидкости,* вес. %			Состав пара, вес. %		t	P
вода	уксусная кислота	хлористый барий ** (в расчете на $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$)	вода	уксусная кислота		
13.3	86.7	0.5	22.4	77.6	—	760
14.6	85.4	0.4	23.3	76.7	—	
28.1	71.9	4.4	38.8	61.2	107.2	
36.3	63.4	6.1	49.6	50.4	105.5	
45.3	54.7	9.6	54.1	45.9	104.0	
46.4	53.6	13.1	56.2	43.8	103.8	
59.8	40.2	16.9	62.2	37.8	102.5	
59.8	40.2	20.5	61.9	38.1	102.5	
66.0	34.0	—	66.0	34.0	102.3	
73.6	26.4	24.9	71.5	28.5	102.4	
88.4	11.6	34.9	83.7	16.3	103.4	
88.5	11.5	37.0	83.1	16.9	103.4	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

** Во всех случаях насыщенный раствор хлористого бария.



Состав жидкости, вес. %			Состав пара, вес. %		Коэффициент активности		t	P
этиловый спирт	вода	хлористый барий	этиловый спирт	вода	этиловый спирт	вода		
61.4	34.4	4.2	82.0	18.0	1.441	1.627	78.7	700
53.6	39.6	6.8	81.3	18.7	1.61	1.16	79.2	
40.5	47.9	11.6	79.7	20.3	2.1	1.04	79.9	
30.7	53.4	15.9	78.8	21.2	2.75	0.967	80.4	
26.6	55.4	18.0	78.2	21.8	3.12	0.946	80.7	
22.6	57.4	20.0	77.7	22.3	3.57	0.927	81.0	
20.8	58.5	20.7	77.4	22.6	3.877	0.914	81.2	
24.9	56.5	18.6	77.6	22.4	3.29	0.953	80.7	
19.7	59.0	21.3	76.5	23.5	3.954	0.931	81.3	
16.6	60.2	23.2	75.8	24.2	4.557	0.915	81.8	
13.1	61.9	25.0	74.5	25.5	5.416	0.895	82.6	
11.2	62.3	26.5	73.5	26.5	6.029	0.881	83.5	
8.9	63.0	28.1	70.7	29.3	6.577	0.889	84.7	
4.8	63.3	31.9	62.5	37.5	8.690	0.868	88.8	
3.1	63.6	33.3	56.0	44.0	9.829	0.865	91.3	
70.6	27.4	2.0	82.9	17.1	1.216	1.47	78.0	
75.8	23.0	1.2	85.0	15.0	1.156	1.543	77.6	
74.2	24.5	1.3	84.3	15.7	1.172	1.527	77.8	
67.6	29.6	2.8	82.9	17.1	1.284	1.387	78.2	
62.3	33.5	4.2	82.2	17.8	1.397	1.294	78.5	
57.5	37.1	5.4	81.7	18.3	1.512	1.216	78.8	
51.5	41.0	7.5	80.9	19.1	1.681	1.144	79.2	
46.2	44.4	9.4	80.4	19.6	1.882	1.092	79.4	
44.0	45.7	10.3	80.2	19.8	1.969	1.073	79.5	
35.8	50.0	14.2	79.6	20.4	2.175	1.029	79.9	



Состав жидкости, * мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	хлористая ртуть	этиловый спирт	вода		
0.0	100.0	Насыщенный раствор	0.0	100.0	99.9	750±4
1.3	88.7		12.2	87.8	96.2	
4.5	95.5		28.3	71.7	91.4	
12.7	87.3		42.6	57.4	86.2	
22.8	77.2		51.8	48.2	84.6	
33.9	66.1		54.3	45.7	83.0	
44.4	55.6		59.0	41.0	82.0	
54.0	46.0		64.6	35.4	81.3	

* Состав жидкости рассчитан без учета содержащейся в ней соли.

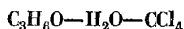
Таблица № 1885 (продолжение)

Состав жидкости, * мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	хлористая ртуть	этиловый спирт	вода		
61.8	38.2	Насыщенный раствор	67.9	32.1	81.0	750 ± 4
73.4	26.6		74.9	25.1	80.8	
81.3	18.7		80.0	20.0	80.6	
87.3	12.7		84.4	15.6	80.7	
92.9	7.1		90.1	9.9	80.5	
96.6	3.4		95.0	5.0	80.7	
100.0	0.0		100.0	0.0	80.9	

№ 1886

[584]

АЛЛИЛОВЫЙ СПИРТ—ВОДА—ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД



А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
аллиловый спирт	вода	четырёххлористый углерод	аллиловый спирт	вода	четырёххлористый углерод		
42.1	28.6	29.3	13.7	20.8	65.5	67.2	760
47.1	14.4	38.5	17.1	20.0	62.9	68.5	
50.3	41.7	8.0	20.5	27.2	52.3	73.2	
54.0	37.8	8.2	23.0	25.9	51.1	74.0	
54.4	28.4	17.2	19.9	19.3	60.8	71.0	
57.5	23.9	18.6	18.7	20.9	60.4	71.9	
59.1	31.6	9.3	23.0	26.6	50.4	74.0	
60.2	12.2	27.6	22.8	19.2	58.0	72.0	
60.6	16.7	22.7	18.9	20.5	60.6	72.0	
60.7	29.5	9.8	23.2	23.8	53.0	74.1	
64.2	25.0	10.8	25.5	23.3	51.2	74.9	
68.3	5.9	25.8	27.1	9.5	63.4	74.7	
70.1	17.2	12.7	27.7	19.0	53.3	75.0	
71.6	9.7	18.7	30.6	2.8	66.6	74.7	
75.0	20.8	4.2	30.2	27.3	33.5	83.0	
76.0	20.2	3.8	43.0	28.1	28.9	83.5	
76.8	14.9	8.3	39.5	21.1	49.4	80.0	
77.7	12.6	9.7	38.5	17.9	43.6	79.6	
78.4	9.3	12.3	38.2	13.7	48.1	79.6	
80.0	5.5	14.5	41.3	8.0	50.7	80.0	
81.0	11.9	7.1	39.6	16.8	43.6	82.5	
81.9	9.3	8.8	48.6	12.8	38.6	82.5	

Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			органический слой			аллиловый спирт	вода	четырёххлористый углерод		
аллиловый спирт	вода	четырёххлористый углерод	аллиловый спирт	вода	четырёххлористый углерод					
3.2	96.8	0.0	3.2	1.8	95.0	6.8	24.2	69.0	65.4	760
4.7	95.2	0.1	5.6	3.0	94.4	9.8	23.8	66.4	65.4	
6.0	93.9	0.1	7.8	3.8	88.4	10.2	23.6	66.2	65.4	
6.9	93.0	0.1	11.0	5.5	83.5	9.9	23.7	66.4	65.4	
7.3	92.5	0.2	12.0	6.0	82.0	11.2	23.3	65.5	65.4	
7.5	92.3	0.2	12.5	6.2	81.3	9.8	23.7	66.5	65.4	

№ 1887

МУРАВЬИНАЯ КИСЛОТА—ХЛОРОФОРМ—ВОДА

[456]



Состав жидкости, вес. %						Состав пара, вес. %			t	P
водный слой			хлороформовый слой			муравьиная кислота	хлороформ	вода		
муравьиная кислота	хлороформ	вода	муравьиная кислота	хлороформ	вода					
0.0	0.8	99.2	0.0	99.8	0.2	0.0	97.2	2.8	56.1	760
46.9	4.8	48.3	0.9	98.8	0.3	3.2	94.8	2.0	56.9	
54.1	5.8	40.1	1.1	98.4	0.5	3.6	94.9	1.5	57.1	
66.9	14.4	18.7	4.3	95.6	0.1	5.8	93.0	1.2	57.9	
67.7	17.3	15.0	5.0	94.8	0.2	6.6	92.6	0.8	58.1	
66.9	17.4	15.7	5.3	94.1	0.6	9.7	88.8	1.5	58.2	
63.0	9.6	27.4	2.8	97.0	0.2	4.1	94.5	1.4	57.6	
68.0	20.6	11.4	6.8	93.0	0.2	7.0	92.0	1.0	58.3	
59.9	34.2	5.9	15.1	84.6	0.3	10.4	88.9	0.7	58.8	
35.7	4.0	60.3	0.33	97.9	1.8	3.7	93.7	2.6	56.6	
30.3	3.5	66.2	0.30	98.9	0.7	3.7	93.8	2.5	56.5	
64.7	30.0	5.3	Гомогенна			13.0	86.9	0.1	59.5	
75.7	18.2	6.1				15.4	83.1	1.5	64.6	
81.2	12.7	6.1				20.5	77.1	2.4	60.3	
73.9	0.2	25.9				52.6	29.8	17.6	99.8	



Состав жидкости, вес. %						Состав пара, вес. %			t	P
водный слой			хлороформовый слой							
уксусная кислота	хлороформ	вода	уксусная кислота	хлороформ	вода					
0.0	0.8	99.2	0.0	99.8	0.2	0.0	97.2	2.8	56.1	760
19.7	2.4	77.9	3.1	96.3	0.6	0.7	95.9	3.4	56.8	
27.4	3.0	69.6	5.4	94.4	0.2	0.9	95.5	3.6	57.2	
31.4	3.7	64.9	5.5	92.4	2.1	0.8	95.3	3.9	57.5	
42.1	7.6	50.3	10.3	87.5	2.2	1.3	94.8	3.9	58.5	
45.7	11.0	43.3	14.5	84.0	1.5	1.5	94.9	3.6	59.0	
47.0	12.7	40.3	15.6	81.6	2.8	1.5	94.7	3.8	59.2	
47.4	23.1	29.5	—	—	—	2.0	94.1	3.9	60.0	
44.3	35.1	20.6	28.5	65.1	6.4	2.0	94.7	3.3	59.8	
49.0	19.4	31.6	21.5	75.9	2.6	1.9	94.7	3.4	59.3	
14.9	84.3	0.8	Гомогенна			1.6	95.4	3.0	60.4	
35.8	63.5	0.7				5.6	92.2	2.2	66.9	
64.7	29.9	5.4				13.7	82.3	4.0	77.0	
79.4	6.2	14.4				41.5	44.5	14.0	94.4	
68.3	11.5	20.2				16.6	74.3	9.1	80.9	
80.6	4.0	15.4				39.5	48.2	12.3	97.1	



Состав жидкости, вес. %			Состав пара, вес. %			t	P
уксусная кислота	хлороформ	вода	уксусная кислота	хлороформ	вода		
55.0	28.6	16.4	3.5	95.5	1.0	25	146
56.0	13.3	30.7	2.9	96.0	1.1		143
65.0	24.0	11.0	7.0	91.6	1.4		106
65.7	4.8	29.6	7.9	89.5	2.6		74
83.9	5.1	11.0	27.7	66.8	5.6		39



ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, вес. %			Состав пара, вес. %			t	P
ацетон	хлороформ	вода	ацетон	хлороформ	вода		
30.2	0.7	69.1	69.3	23.1	7.6	Нет данных	760
44.2	53.2	2.6	47.7	48.5	3.8		
45.4	3.8	50.8	68.2	25.4	6.4		
46.3	5.3	48.4	65.2	29.2	5.6		
46.4	5.5	48.1	65.1	28.4	6.5		
47.2	0.1	52.7	88.4	3.6	8.0		
47.7	47.1	5.2	49.3	46.6	4.1		
48.8	7.8	43.4	63.4	29.4	7.2		
52.3	42.1	5.6	54.4	41.0	4.6		
54.3	39.1	6.6	55.9	39.2	4.9		
54.3	40.6	5.1	58.7	36.7	4.6		
55.2	16.8	28.0	62.3	31.4	6.3		
56.9	3.3	39.8	80.0	14.4	5.6		
57.1	34.5	8.4	60.2	35.4	4.4		
57.1	41.1	1.8	65.9	31.6	2.5		
58.2	7.6	34.2	72.3	21.6	6.1		
59.0	10.2	30.8	70.2	24.1	5.7		
59.0	14.6	26.4	66.0	27.7	6.3		
59.4	14.1	26.5	67.2	27.9	4.9		
60.4	26.0	13.6	62.8	30.2	7.0		
60.5	29.2	10.3	63.8	30.9	5.3		
61.5	36.5	2.0	69.8	28.2	2.0		
63.4	9.8	26.8	74.0	21.0	5.0		
65.7	28.6	5.7	70.9	25.6	3.5		
66.2	29.0	4.8	71.8	24.4	3.8		
66.4	23.7	9.9	70.2	24.9	4.9		
66.9	7.3	25.8	79.8	13.7	6.5		
67.5	29.5	3.0	75.3	21.7	3.0		
67.6	23.3	9.1	72.8	22.5	4.7		
70.8	19.9	9.3	75.7	19.4	4.9		
71.6	6.4	22.0	83.9	10.1	6.0		
72.5	23.4	4.1	79.2	17.6	3.2		
74.0	17.5	8.5	79.7	15.7	4.6		
74.8	11.8	13.4	82.1	13.5	4.4		
75.0	21.7	3.3	82.0	15.2	2.8		
77.0	18.4	4.6	82.1	15.4	2.5		
78.0	8.3	13.7	85.9	8.9	5.2		
78.4	7.8	13.8	86.2	8.4	5.4		
78.7	13.6	7.7	85.0	10.9	4.1		
79.7	11.7	8.6	85.7	10.4	3.9		
81.8	14.2	4.0	87.2	10.4	2.4		
82.0	4.0	14.0	90.9	4.3	4.8		
86.3	8.2	5.5	90.7	6.0	3.3		
87.7	10.5	1.8	92.1	6.7	1.2		
89.1	5.3	5.6	93.2	3.8	3.0		
95.1	2.4	2.5	97.1	1.2	1.7		



ИЗТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, вес. %					Состав пара, вес. %			t	P
общий состав		водный слой		хлороформовый слой					
ацетон	хлоро- форм	вода	ацетон	хлоро- форм	вода	ацетон	хлоро- форм	вода	
7.7	83.9	8.4	2.4	0.7	96.9	8.2	91.5	0.3	5.4
12.8	79.3	7.9	4.5	0.8	94.7	13.5	86.1	0.4	9.9
18.5	74.1	7.4	7.4	0.8	91.8	19.4	79.9	0.7	16.1
25.9	67.4	6.7	11.7	0.9	87.4	26.8	72.0	1.2	25.3
32.2	61.6	6.2	15.9	0.9	83.2	33.1	65.0	1.9	32.2
34.2	58.0	7.8	17.5	0.9	81.6	35.5	62.3	2.2	34.7
—	—	—	19.5	1.0	79.5	38.2	59.0	2.8	38.3
38.3	56.0	5.7	20.0	1.0	79.0	39.0	58.0	3.0	38.7
38.5	49.2	12.3	21.3	1.0	77.7	40.7	55.8	3.5	40.8
37.4	45.0	17.6	21.6	1.0	77.4	41.2	55.2	3.6	41.6
42.0	51.1	6.9	22.8	1.1	76.1	42.7	53.3	4.0	43.2
—	—	—	24.3	1.2	74.5	44.5	50.9	4.6	45.8
42.0	38.2	19.8	25.8	1.2	73.0	46.4	48.2	5.4	47.4
45.2	40.4	14.4	27.2	1.3	71.5	47.9	46.1	6.0	49.1
50.0	40.2	9.8	30.6	1.6	67.8	50.8	41.9	7.3	51.6
49.3	35.0	15.7	31.7	1.8	66.5	52.0	40.0	8.0	53.4
51.7	38.2	10.1	32.2	1.9	65.9	52.3	39.6	8.1	53.3
52.7	37.2	10.1	33.3	2.1	64.6	53.2	38.2	8.6	54.0
49.2	27.4	23.4	35.0	2.4	62.6	54.0	36.8	9.2	55.4
56.6	25.8	17.6	42.7	5.0	52.3	57.6	27.6	14.8	59.2
54.9	16.1	29.0	50.3	10.2	39.5	56.4	18.6	25.0	61.7
Нет данных									760

Состав жидкости, вес. %			Состав пара, вес. %			t	P
форм-альдегид	метиловый спирт	вода	форм-альдегид	метиловый спирт	вода		
5	0	95	6.5	0.0	93.5	99.1	760
5	2	93	6.0	12.0	82.0	97.5	
5	4	91	5.7	21.0	73.3	96.0	
5	6	89	5.2	28.9	65.9	94.7	
5	8	87	4.8	34.6	60.6	93.4	
5	10	85	4.6	40.3	55.1	92.3	
5	20	75	3.7	58.0	38.3	87.1	
5	30	65	3.2	68.4	28.4	83.0	
5	40	55	2.9	75.2	21.9	79.8	
5	50	45	2.7	79.8	17.5	77.3	
5	60	35	2.4	84.3	13.3	75.0	
5	70	25	2.2	88.4	9.4	72.8	
5	80	15	2.0	92.2	5.8	70.5	
5	90	5	1.8	96.9	1.3	68.0	
10	0	90	9.7	0.0	90.3	98.4	
10	2	88	9.4	11.0	78.6	97.1	
10	4	86	8.9	19.6	69.9	95.9	
10	6	84	8.6	27.0	62.1	94.8	
10	8	82	8.2	32.4	58.1	93.8	
10	10	80	7.9	37.8	28.8	92.7	
10	20	70	6.5	55.1	37.5	88.1	
10	30	60	5.5	65.9	27.6	84.1	
10	40	50	5.0	73.3	20.8	80.9	
10	50	40	4.4	78.6	16.2	78.3	
10	60	30	4.0	83.4	11.8	75.9	
10	70	20	3.7	88.2	7.5	73.5	
10	80	10	3.4	92.0	4.2	71.1	
15	0	85	16.4	0.0	83.6	97.8	
15	2	83	15.5	10.0	74.5	96.7	
15	4	81	15.0	18.0	67.0	95.7	
15	6	79	14.2	25.0	60.8	95.0	
15	8	77	13.7	30.3	56.0	94.1	
15	10	75	13.1	35.4	51.5	93.2	
15	20	65	11.0	52.3	36.7	89.0	
15	30	55	9.6	63.4	27.0	85.4	
15	40	45	8.7	71.4	19.9	82.2	
15	50	35	7.8	77.3	14.9	79.5	
15	60	25	7.0	82.4	10.6	76.8	
15	70	15	6.1	88.0	5.9	74.5	
20	0	80	20.5	0.0	79.5	97.4	
20	2	78	19.7	9.0	71.3	96.5	
20	4	76	19.0	16.6	64.4	95.8	
20	6	74	18.3	23.0	58.7	95.2	
20	8	72	17.6	28.3	54.1	94.5	
20	10	70	17.0	33.0	50.0	93.7	
20	20	60	14.6	49.6	35.8	90.0	
20	30	50	12.8	61.0	26.2	86.6	
20	40	40	11.5	69.6	18.9	83.5	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
20	50	30	10.3	76.1	13.6	80.7	760
20	60	20	9.9	81.5	9.6	78.0	
25	0	75	24.3	0.0	75.7	97.6	
25	2	73	23.6	8.0	68.4	96.8	
25	4	71	22.8	15.1	62.1	96.1	
25	6	69	22.0	21.0	57.0	95.6	
25	8	67	21.4	26.0	52.6	95.0	
25	10	65	20.7	30.7	48.6	94.3	
25	20	55	18.1	46.5	35.4	90.9	
25	30	45	15.9	58.5	25.6	87.9	
25	40	35	14.2	67.7	18.1	85.0	
25	50	25	12.7	74.8	12.5	82.1	
30	0	70	28.0	0.0	72.0	98.0	
30	2	68	27.1	7.0	65.9	97.3	
30	4	66	26.3	13.4	60.3	96.7	
30	6	64	25.5	18.9	55.6	96.2	
30	8	62	25.1	23.9	51.0	95.6	
30	10	60	24.3	28.3	47.4	94.9	
30	20	50	21.5	43.7	34.8	92.0	
30	30	40	19.0	56.0	25.0	89.2	
30	40	30	17.0	65.8	17.2	86.5	
35	0	65	31.5	0.0	68.5	98.5	
35	2	63	30.7	6.0	63.3	97.9	
35	4	61	29.8	11.9	58.3	97.3	
35	6	59	29.1	16.9	54.0	96.8	
35	8	57	28.4	21.6	50.0	96.2	
35	10	55	27.6	26.0	46.4	95.6	
35	20	45	24.8	41.0	34.2	93.0	
35	30	35	22.3	53.5	24.2	90.6	
40	0	60	34.9	0.0	65.1	99.1	
40	2	58	34.1	5.0	60.9	98.5	
40	4	56	33.3	10.2	56.5	98.0	
40	6	54	32.5	14.6	53.0	97.5	
40	8	52	31.7	19.4	48.9	96.9	
40	10	50	30.8	23.8	45.4	96.4	
40	20	40	28.0	38.0	34.0	94.1	
45	0	55	38.1	0.0	61.9	99.7	350
45	2	53	37.3	4.0	58.7	99.2	
45	4	51	36.5	8.7	54.8	98.7	
45	6	49	35.7	12.8	51.5	98.2	
45	8	47	34.8	17.3	47.9	97.6	
45	10	45	33.8	21.7	44.5	97.2	
5	0	95	5.2	0.0	94.8	79.0	
5	2	93	4.9	13.0	82.1	77.6	
5	4	91	4.7	22.8	72.5	76.0	
5	6	89	4.5	31.0	64.5	74.7	
5	8	87	4.4	37.3	58.3	73.7	
5	10	85	4.2	43.0	52.8	72.6	
5	20	75	3.4	60.7	35.9	67.8	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
5	30	65	2.8	70.2	27.0	64.4	350
5	40	55	2.5	76.8	20.7	61.1	
5	50	45	2.3	81.6	16.1	58.4	
5	60	35	2.0	85.8	12.2	56.2	
5	70	25	1.9	89.2	8.9	54.0	
5	80	15	1.8	93.0	5.2	52.0	
5	90	5	1.7	96.4	1.9	49.6	
10	0	90	9.7	0.0	90.3	78.9	
10	2	88	9.4	12.0	78.6	77.6	
10	4	86	8.9	21.2	69.9	76.4	
10	6	84	8.6	29.3	62.1	75.3	
10	8	82	8.2	35.1	56.7	74.3	
10	10	80	7.9	40.5	51.6	73.4	
10	20	70	6.5	57.0	35.7	68.8	
10	30	60	5.5	67.8	26.7	65.5	
10	40	50	5.0	74.9	20.1	62.3	
10	50	40	4.4	80.1	15.5	59.4	
10	60	30	4.0	84.9	11.1	57.1	
10	70	20	3.7	89.1	7.2	54.7	
10	80	10	3.4	92.8	3.8	52.6	
15	0	85	13.8	0.0	86.2	79.2	
15	2	83	13.3	11.4	75.3	78.0	
15	4	81	12.7	19.8	67.5	77.0	
15	6	79	12.2	27.3	60.5	76.0	
15	8	77	11.7	33.0	55.3	75.1	
15	10	75	11.2	38.0	50.8	74.3	
15	20	65	9.3	55.2	35.5	69.9	
15	30	55	8.1	65.8	26.1	66.8	
15	40	45	7.1	73.0	19.9	63.6	
15	50	35	6.4	79.1	14.5	60.7	
15	60	25	5.8	84.0	10.2	58.2	
15	70	15	5.3	88.9	5.8	55.5	
20	0	80	17.5	0.0	82.5	79.5	
20	2	78	16.8	10.5	72.7	78.5	
20	4	76	16.1	18.3	65.6	77.7	
20	6	74	15.5	25.3	59.2	76.8	
20	8	72	14.9	31.0	54.1	76.0	
20	10	70	14.4	35.9	49.7	75.3	
20	20	60	12.0	52.9	35.1	71.2	
20	30	50	10.4	63.8	25.8	68.3	
20	40	40	9.3	71.5	19.2	65.1	
20	50	30	8.3	77.8	13.9	62.2	
20	60	20	7.6	83.0	9.4	59.5	
25	0	75	21.0	0.0	79.0	79.9	
25	2	73	20.2	9.7	70.1	79.2	
25	4	71	19.4	17.0	63.6	78.5	
25	6	69	18.7	23.3	58.0	77.7	
25	8	67	17.9	28.7	53.4	77.0	
25	10	65	17.2	33.6	49.2	76.3	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
25	20	55	14.6	50.5	34.9	72.5	350
25	30	45	12.5	61.8	25.7	69.7	
25	40	35	11.2	70.0	18.8	66.7	
25	50	25	10.1	76.6	13.3	63.8	
30	0	70	24.3	0.0	75.7	80.6	
30	2	68	23.3	9.0	67.7	80.0	
30	4	66	22.4	15.7	61.9	79.3	
30	6	64	21.5	21.8	56.7	78.6	
30	8	62	20.8	26.8	52.4	78.0	
30	10	60	19.9	31.8	48.3	77.3	
30	20	50	16.9	48.3	34.8	73.9	
30	30	40	14.7	60.0	25.3	71.2	
30	40	30	13.1	68.5	18.4	68.4	
35	0	65	27.2	0.0	72.6	81.4	
35	2	63	26.4	8.0	65.6	80.9	
35	4	61	25.4	14.2	60.4	80.3	
35	6	59	24.5	19.9	55.6	79.6	
35	8	57	23.6	24.6	51.8	79.0	
35	10	55	22.7	29.5	47.8	78.4	
35	20	45	19.5	46.1	34.4	75.4	
35	30	35	16.8	58.0	25.2	72.8	
40	0	60	30.4	0.0	69.6	82.5	
40	2	58	29.3	7.1	63.6	81.9	
40	4	56	28.3	12.7	59.0	81.3	
40	6	54	27.4	17.9	54.7	80.7	
40	8	52	26.5	22.5	51.0	80.2	
40	10	50	25.5	27.2	47.3	79.6	
40	20	40	21.9	43.8	34.3	76.9	
45	0	55	33.2	0.0	66.8	83.6	
45	2	53	32.1	6.2	61.7	83.0	
45	4	51	31.1	11.1	57.8	82.4	
45	6	49	30.1	16.0	53.9	81.9	
45	8	47	29.2	20.2	50.6	81.4	
45	10	45	28.1	24.7	47.2	80.9	
5	0	95	3.8	0.0	96.2	66.6	200
5	2	93	3.7	14.4	81.9	65.2	
5	4	91	3.6	24.2	72.2	63.9	
5	6	89	3.4	32.1	64.5	62.7	
5	8	87	3.3	38.7	58.0	61.6	
5	10	85	3.2	44.4	52.7	60.7	
5	20	75	2.7	61.9	35.4	56.2	
5	30	65	2.3	71.5	26.2	52.5	
5	40	55	2.0	78.0	20.0	49.4	
5	50	45	1.7	82.5	15.8	46.9	
5	60	35	1.6	86.3	12.1	44.7	
5	70	25	1.4	90.0	8.6	42.6	
5	80	15	1.3	93.5	5.2	40.3	
5	90	5	1.2	96.8	0.2	37.8	
10	0	90	7.4	0.0	92.6	66.8	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	p
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
10	2	88	7.2	13.4	79.4	65.5	200
10	4	86	6.9	22.4	70.7	64.4	
10	6	84	6.6	30.1	63.3	63.2	
10	8	82	6.4	36.2	57.4	62.2	
10	10	80	6.1	41.7	52.2	61.5	
10	20	70	5.1	59.0	35.9	57.3	
10	30	60	4.4	69.0	26.6	53.8	
10	40	50	3.9	76.1	20.0	50.8	
10	50	40	3.5	81.2	15.3	48.1	
10	60	30	3.1	85.7	11.2	45.9	
10	70	20	2.8	89.7	7.5	43.6	
10	80	10	2.5	93.3	4.2	41.1	
15	0	85	10.8	0.0	89.2	67.1	
15	2	83	10.3	12.4	77.3	66.0	
15	4	81	10.0	20.7	69.3	65.0	
15	6	79	9.5	28.2	62.3	63.9	
15	8	77	9.2	34.1	56.7	63.0	
15	10	75	8.9	39.3	51.8	62.3	
15	20	65	7.5	56.2	36.3	58.5	
15	30	55	6.5	66.9	26.6	55.2	
15	40	45	5.7	74.2	20.1	52.3	
15	50	35	5.0	80.0	15.0	49.6	
15	60	25	4.5	84.7	10.8	47.3	
15	70	15	4.0	89.5	6.5	44.7	
20	0	80	13.8	0.0	86.2	67.5	
20	2	78	13.2	11.6	75.2	66.5	
20	4	76	12.7	19.1	68.2	65.7	
20	6	74	12.3	26.3	61.4	64.8	
20	8	72	11.8	32.0	56.2	63.9	
20	10	70	11.4	37.0	51.6	63.3	
20	20	60	9.8	53.9	36.3	59.8	
20	30	50	8.5	64.4	27.1	56.7	
20	40	40	7.5	72.4	20.1	53.9	
20	50	30	6.6	78.8	14.6	51.2	
20	60	20	5.9	84.0	10.1	48.8	
25	0	75	16.5	0.0	83.5	68.0	
25	2	73	15.9	10.4	73.7	67.1	
25	4	71	15.3	11.6	67.1	66.3	
25	6	69	14.7	24.5	60.8	65.6	
25	8	67	14.3	30.0	55.7	64.9	
25	10	65	13.8	34.7	51.5	64.4	
25	20	55	11.8	51.5	36.7	61.1	
25	30	45	10.3	62.4	27.3	58.2	
25	40	35	9.2	70.8	20.0	55.5	
25	50	25	8.1	77.5	14.4	52.5	
30	0	70	19.1	0.0	80.9	68.6	
30	2	68	18.4	9.7	71.9	67.9	
30	4	66	17.8	16.1	66.1	67.2	
30	6	64	17.2	22.8	60.0	66.6	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метилловый спирт	вода	формаль-дегид	метилловый спирт	вода		
30	8	62	16.6	27.9	55.5	66.0	200
30	10	60	16.1	32.3	51.6	65.4	
30	20	50	13.8	49.1	37.1	62.5	
30	30	40	12.1	60.5	27.4	59.8	
30	40	30	10.8	69.2	20.0	57.2	
35	0	65	21.6	0.0	78.4	60.5	
35	2	63	20.9	8.4	70.7	68.8	
35	4	61	20.2	14.4	65.4	68.2	
35	6	59	19.5	24.0	59.5	67.7	
35	8	57	18.8	26.1	55.1	67.1	
35	10	55	18.3	30.5	51.2	66.5	
35	20	45	15.9	46.7	37.4	64.0	
35	30	35	14.0	58.6	27.4	61.4	
40	0	60	23.9	0.0	76.1	70.6	
40	2	58	23.2	7.4	69.4	69.9	
40	4	56	22.5	13.2	64.3	69.3	
40	6	54	21.7	19.3	59.0	68.8	
40	8	52	21.0	24.3	54.7	68.3	
40	10	50	20.4	28.4	51.2	67.7	
40	20	40	18.0	44.3	37.7	65.4	
45	0	55	26.3	0.0	73.7	71.7	100
45	2	53	25.5	6.4	68.4	71.0	
45	4	51	24.7	11.9	63.4	70.5	
45	6	49	24.0	17.5	58.5	70.0	
45	8	47	23.2	22.3	54.5	69.5	
45	10	45	22.5	26.2	51.3	68.9	
5	0	95	2.6	0.0	97.4	51.7	
5	2	93	2.8	15.3	81.9	50.3	
5	4	91	2.9	25.0	72.1	49.1	
5	6	89	2.8	32.3	64.9	48.0	
5	8	87	2.8	39.0	58.2	47.2	
5	10	85	2.7	44.3	53.0	46.3	
5	20	75	2.4	62.5	35.1	42.4	
5	30	65	2.2	72.3	25.5	39.2	
5	40	55	1.9	78.9	19.2	36.8	
5	50	45	1.8	83.4	14.8	34.7	
5	60	35	1.6	87.0	11.4	32.5	
5	70	25	1.4	90.7	7.9	30.2	
5	80	15	1.2	94.1	4.7	27.7	
5	90	5	1.1	97.0	1.9	25.0	
10	0	90	5.0	0.0	95.0	51.8	
10	2	88	5.2	14.3	80.5	50.8	
10	4	86	5.2	23.2	71.6	49.7	
10	6	84	5.2	30.3	64.5	48.8	
10	8	82	5.2	36.5	58.3	48.0	
10	10	80	5.1	41.8	53.1	47.2	
10	20	70	4.8	59.8	35.4	43.6	
10	30	60	4.3	70.0	25.7	40.6	
10	40	50	3.8	77.0	19.2	38.2	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
10	50	40	3.5	82.1	14.4	36.0	100
10	60	30	3.1	86.3	10.6	33.8	
10	70	20	2.8	90.3	6.0	31.2	
10	80	10	2.4	93.9	3.7	28.7	
15	0	85	7.2	0.0	92.8	52.2	
15	2	83	7.3	13.3	79.4	51.3	
15	4	81	7.3	21.7	71.0	50.4	
15	6	79	7.3	28.4	64.3	49.6	
15	8	77	7.3	34.2	58.5	48.9	
15	10	75	7.2	39.4	53.4	48.2	
15	20	65	6.8	57.2	36.0	44.9	
15	30	55	6.1	68.3	25.6	42.0	
15	40	45	5.6	75.2	19.2	39.7	
15	50	35	5.1	81.1	13.8	37.4	
15	60	25	4.6	85.5	9.9	35.0	
15	70	15	4.1	90.0	5.9	32.4	
20	0	80	9.1	0.0	90.9	52.8	
20	2	78	9.2	12.3	78.5	51.9	
20	4	76	9.3	20.1	70.6	51.5	
20	6	74	9.2	26.8	64.0	50.6	
20	8	72	9.1	32.4	58.5	49.9	
20	10	70	9.0	37.3	53.7	49.3	
20	20	60	8.4	54.5	37.1	46.2	
20	30	50	7.8	66.5	25.7	43.5	
20	40	40	7.1	74.0	18.9	41.2	
20	50	30	6.4	80.0	13.6	38.8	
20	60	20	5.8	84.8	9.4	36.4	
25	0	75	11.1	0.0	88.9	53.5	
25	2	73	11.2	11.3	77.5	52.8	
25	4	71	11.1	18.6	70.3	52.2	
25	6	69	11.0	25.0	64.0	51.6	
25	8	67	11.0	30.3	58.7	50.9	
25	10	65	10.9	35.0	54.1	50.3	
25	20	55	10.2	52.2	37.6	47.5	
25	30	45	9.4	64.8	25.8	44.0	
25	40	35	8.4	72.4	19.2	42.7	
25	50	25	7.8	79.0	13.2	40.2	
30	0	70	13.0	0.0	87.0	54.6	
30	2	68	13.1	10.3	76.6	53.8	
30	4	66	13.0	17.1	69.9	53.3	
30	6	64	12.9	23.4	63.7	52.6	
30	8	62	12.8	28.3	58.9	52.0	
30	10	60	12.7	32.8	54.5	51.5	
30	20	50	11.8	49.9	38.3	48.8	
30	30	40	11.0	63.0	26.0	46.4	
30	40	30	10.1	71.1	18.8	44.2	
35	0	65	14.7	0.0	85.3	55.7	
35	2	63	14.8	9.3	75.9	55.0	
35	4	61	14.7	15.8	69.5	54.4	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
Формаль-дегид	метиловый спирт	вода	Формаль-дегид	метиловый спирт	вода		
35	6	59	14.6	21.6	63.8	53.8	100
35	8	57	14.4	26.6	59.0	53.2	
35	10	55	14.3	31.0	54.7	52.6	
35	20	45	13.4	47.8	38.8	50.1	
35	30	35	12.3	61.1	26.6	47.8	
40	0	60	16.5	0.0	83.5	57.0	
40	2	58	16.4	8.3	75.3	56.3	
40	4	56	16.3	14.3	69.4	55.7	
40	6	54	16.1	20.0	63.9	55.1	
40	8	52	15.9	25.0	59.1	54.5	
40	10	50	15.9	29.0	55.1	53.8	60
40	20	40	14.9	45.7	39.4	51.5	
45	0	55	18.2	0.0	81.8	58.4	
45	2	53	18.1	7.3	74.6	57.7	
45	4	51	18.0	13.0	69.0	57.1	
45	6	49	17.8	18.7	63.5	56.5	
45	8	47	17.6	23.4	59.0	55.8	
45	10	45	17.4	27.1	55.5	55.2	
5	0	95	1.8	0.0	98.2	41.8	
5	2	93	2.5	16.3	81.2	40.7	
5	4	91	2.6	25.5	71.9	39.8	
5	6	89	2.8	33.0	64.2	38.9	
5	8	87	2.8	40.0	57.2	38.0	
5	10	85	2.7	45.9	51.4	37.2	
5	20	75	2.3	63.8	33.9	33.7	
5	30	65	2.1	73.4	24.5	30.6	
5	40	55	1.8	79.9	18.3	27.7	
5	50	45	1.4	84.6	14.0	25.5	
5	60	35	1.4	88.2	10.4	23.6	
5	70	25	1.2	91.5	7.3	21.4	
5	80	15	1.0	94.7	4.3	18.7	
5	90	5	0.9	97.9	1.2	15.9	
10	0	90	3.5	0.0	96.5	42.1	
10	2	88	4.4	15.3	80.3	41.2	
10	4	86	4.8	24.1	71.1	40.4	
10	6	84	5.0	31.4	63.6	39.6	
10	8	82	5.0	37.9	57.1	38.8	
10	10	80	5.0	43.4	51.4	38.1	
10	20	70	4.7	61.2	34.1	34.9	
10	30	60	4.1	70.9	25.0	31.0	
10	40	50	3.6	78.0	18.4	29.2	
10	50	40	3.1	83.3	13.6	27.0	
10	60	30	2.7	87.8	9.5	24.9	
10	70	20	2.3	91.3	6.4	22.5	
10	80	10	2.0	94.9	3.1	19.8	
15	0	85	5.1	0.0	94.9	42.6	
15	2	83	6.2	14.3	79.5	41.8	
15	4	81	6.7	22.5	70.8	41.1	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
15	6	79	7.0	30.3	62.7	40.4	60
15	8	77	7.4	35.8	57.1	39.7	
15	10	75	7.4	41.3	51.6	39.1	
15	20	65	6.5	58.4	35.1	36.1	
15	30	55	5.8	69.2	25.0	33.3	
15	40	45	5.2	76.1	18.7	30.7	
15	50	35	4.6	82.1	13.3	28.6	
15	60	25	4.0	87.1	8.9	26.4	
15	70	15	3.5	91.1	6.4	23.8	
20	0	80	6.7	0.0	93.3	43.4	
20	2	78	8.0	13.3	78.7	42.7	
20	4	76	8.7	21.1	70.2	42.0	
20	6	74	9.0	27.9	63.1	41.3	
20	8	72	9.0	33.8	57.2	40.7	
20	10	70	8.9	39.1	52.0	40.2	
20	20	60	8.3	56.3	35.4	37.4	
20	30	50	7.6	67.5	24.9	34.8	
20	40	40	6.7	75.0	18.3	32.3	
20	50	30	6.0	81.3	12.7	30.2	
20	60	20	5.2	86.3	8.5	27.9	
25	0	75	8.1	0.0	91.9	44.4	
25	2	73	9.8	12.3	77.9	43.7	
25	4	71	10.4	19.6	70.0	43.1	
25	6	69	10.8	26.3	62.9	42.5	
25	8	67	10.8	32.0	57.2	41.9	
25	10	65	10.7	37.4	51.9	41.4	
25	20	55	10.2	54.0	35.8	38.7	
25	30	45	9.3	65.6	25.1	36.2	
25	40	35	8.3	73.3	18.4	33.9	
25	50	25	7.4	80.2	12.4	31.8	
30	0	70	9.5	0.0	90.5	45.6	
30	2	68	11.5	11.3	77.2	44.9	
30	4	66	12.2	18.2	69.6	44.4	
30	6	64	12.6	24.5	62.9	43.7	
30	8	62	12.6	30.3	57.1	43.2	
30	10	60	12.5	35.6	51.9	42.6	
30	20	50	11.8	52.0	30.2	40.1	
30	30	40	10.8	64.0	25.2	37.7	
30	40	30	9.8	71.9	18.3	35.5	
35	0	65	10.8	0.0	80.2	46.0	
35	2	63	13.0	10.3	76.7	46.3	
35	4	61	13.8	17.0	69.2	45.7	
35	6	59	14.1	23.0	62.9	45.1	
35	8	57	14.3	28.8	56.9	44.6	
35	10	55	14.3	33.9	51.8	44.0	
35	20	45	13.4	50.0	36.6	41.4	
35	30	35	12.2	62.0	25.8	39.1	
40	0	60	12.1	0.0	87.9	48.4	

Таблица № 1892 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
40	2	58	14.4	9.3	76.3	47.7	60
40	4	56	15.2	15.8	69.0	47.1	
40	6	54	15.6	21.7	62.7	46.5	
40	8	52	15.8	27.3	56.9	46.0	
40	10	50	15.8	32.1	52.1	45.5	
40	20	40	14.8	48.1	37.1	42.9	
45	0	55	13.3	0.0	86.7	49.9	
45	2	53	15.5	8.3	76.2	49.2	
45	4	51	16.4	14.7	68.9	48.7	
45	6	49	16.8	20.4	62.8	48.2	
45	8	77	16.9	26.1	57.0	47.6	
45	10	45	17.2	31.0	51.8	47.0	

№ 1893

ФОРМАЛЬДЕГИД—МЕТИЛОВЫЙ СПИРТ—ВОДА
 $\text{CH}_2\text{O}—\text{CH}_4\text{O}—\text{H}_2\text{O}$

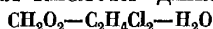
[566]

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
5	10	85	4.0	38.5	57.5	92.6	760
5	20	75	3.0	57.6	39.4	87.4	
5	30	65	2.4	68.2	29.4	83.7	
5	40	55	1.9	75.5	22.6	79.1	
5	50	45	1.7	80.8	17.5	76.9	
5	60	35	1.6	85.4	13.0	74.4	
5	70	25	1.5	89.7	8.8	72.1	
5	80	15	1.4	92.6	6.0	69.3	
5	90	5	1.3	96.3	2.4	67.1	
10	10	80	7.5	34.5	58.0	93.8	
10	20	70	5.9	53.5	40.6	88.8	
10	30	60	4.6	64.7	30.7	84.6	
10	40	50	3.9	72.8	23.3	80.8	
10	50	40	3.5	78.3	18.2	77.6	
10	60	30	3.3	84.7	12.0	74.8	
10	70	20	3.1	89.4	7.5	72.5	
10	80	10	2.9	92.6	4.5	69.2	
20	10	70	15.8	32.2	52.0	95.2	
20	20	60	13.2	45.2	41.6	91.5	
20	30	50	10.6	56.8	32.6	87.1	
20	40	40	9.0	66.9	24.1	83.5	

Таблица № 1893 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
формаль-дегид	метиловый спирт	вода	формаль-дегид	метиловый спирт	вода		
20	50	30	8.1	73.0	18.9	80.1	760
20	60	20	7.6	83.0	9.4	76.4	
30	10	60	22.1	23.6	54.3	96.0	
30	20	50	19.9	38.5	41.6	93.2	
30	30	40	17.8	48.3	33.9	89.9	
30	40	30	15.7	59.7	24.6	86.1	
40	10	50	27.8	22.4	49.8	97.1	
40	20	40	26.0	32.9	41.1	94.2	
50	5	45	35.6	13.3	51.1	97.6	

№ 1894 МУРАВЬИНАЯ КИСЛОТА—ДИХЛОРЕТАН—ВОДА [246]



А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, вес. %			Состав пара, вес. %			t	P
муравьиная кислота	дихлор-этан	вода	муравьиная кислота	дихлор-этан	вода		
81.44	0.00	18.56	89.39	0.00	10.61	45	66.0
80.13	1.20	18.67	84.05	4.75	11.20		68.0
81.09	1.00	17.91	84.28	6.50	9.22		69.5
73.46	9.20	17.34	19.72	76.32	3.96		175.3
96.99	0.00	3.01	99.51	0.00	0.49		97.8
96.59	1.75	1.66	88.67	11.20	0.13		106.0
95.12	3.30	1.58	80.43	18.50	1.07		111.4
93.03	4.10	2.87	70.69	27.10	2.21		122.5
90.50	7.00	2.50	57.55	40.75	1.70		137.7
89.03	8.00	2.97	51.73	46.80	1.47		151.0
85.29	11.70	3.01	42.74	56.30	0.96		173.5
83.81	13.20	2.99	39.08	60.30	0.62		182.0
76.33	21.25	2.42	31.94	66.90	1.16		206.0
77.50	0.00	22.50	84.00	0.00	16.00		62.0
71.28	1.00	27.72	63.81	21.59	14.60		69.0
70.38	2.10	27.52	30.04	57.48	12.48		85.0
70.12	2.25	27.63	28.21	61.11	10.68		88.7
90.70	0.00	9.30	96.49	0.00	3.51		80.0
89.57	1.10	9.33	89.42	8.60	1.98		85.3
88.77	2.25	8.98	65.31	22.50	12.19		99.8
86.55	4.60	8.85	53.54	43.70	2.76		122.0
82.03	9.60	8.37	39.38	59.40	1.22		158.5
76.88	13.70	9.42	25.47	69.50	5.03		101.0
81.70	0.00	18.30	88.71	0.00	11.29	60	130.2
81.19	0.50	18.31	86.69	2.00	11.31		131.0
82.95	0.40	16.65	83.24	7.70	9.06		136.9
80.75	2.10	17.15	47.48	38.35	4.17		120.0

Таблица № 1894 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
муравьиная кислота	дихлорэтан	вода	муравьиная кислота	дихлорэтан	вода		
75.05	7.25	17.70	23.52	71.40	5.08	60	277.0
97.45	0.00	2.55	99.45	0.00	0.55		181.0
96.32	2.20	1.48	94.87	7.90	0.23		190.0
95.84	2.20	1.96	87.58	12.20	0.22		200.0
94.02	4.25	1.73	74.79	23.70	1.51		212.5
91.76	5.20	3.04	62.18	36.40	1.42		234.5
89.65	7.75	2.60	54.73	44.00	1.27		256.0
87.29	9.90	2.81	46.17	52.20	1.63		292.0
83.84	13.30	2.86	40.41	58.50	1.09		318.5
77.60	19.50	2.90	32.99	65.50	1.51		358.9
74.30	0.00	25.70	78.50	0.00	21.50		124.0
74.39	0.90	24.71	75.76	4.25	19.99		125.3
74.48	1.25	24.27	71.14	9.50	19.30		129.3
70.58	1.40	28.02	39.44	44.42	16.14		159.0
73.44	3.30	23.26	29.55	60.80	9.65		198.0
91.45	0.00	8.55	96.31	0.00	3.60		154.0
89.48	2.50	8.02	80.11	17.00	2.89		167.8
87.08	4.00	8.92	62.01	32.80	5.19		200.5
85.15	6.50	8.35	48.61	48.30	3.09		239.0
77.57	14.00	8.43	25.89	72.50	1.61		233.5

Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, вес. %						Состав пара, вес. %			t	P
водный слой			дихлорэтановый слой			муравьиная кислота	дихлорэтан	вода		
муравьиная кислота	дихлорэтан	вода	муравьиная кислота	дихлорэтан	вода					
15.93	1.80	82.27	0.18	99.81	0.01	0.22	93.58	6.20	30	129.1
26.34	2.00	71.66	0.33	99.64	0.03	0.57	93.92	5.51		128.0
35.10	3.00	61.90	0.52	99.43	0.05	1.13	93.03	5.84		126.8
45.51	4.00	50.49	0.90	99.00	0.10	1.83	93.23	4.94	45	125.2
65.14	15.80	19.06	6.23	93.17	0.60	11.44	83.80	4.76		121.0
52.41	42.39	5.20	20.92	77.08	2.00	18.42	77.53	4.05		121.5
16.45	2.00	81.55	0.23	99.74	0.03	0.38	93.35	6.27		258.0
26.56	3.00	70.44	0.43	99.51	0.06	0.62	93.02	6.36		255.1
44.17	4.70	51.13	1.10	98.73	0.17	2.15	90.90	6.95		248.8
53.96	7.30	38.74	2.04	97.62	0.34	4.37	89.03	6.60	60	244.1
59.19	11.20	29.01	3.09	96.40	0.51	5.65	86.00	0.35		240.8
57.22	23.50	19.28	10.74	87.26	2.00	15.36	79.87	4.77		233.5
51.52	39.00	9.48	19.93	77.07	3.00	15.90	79.03	5.07		234.0
14.86	1.80	83.34	0.27	99.67	0.06	0.40	91.00	8.42		481.4
21.05	2.10	76.85	0.42	99.50	0.08	0.65	91.10	8.25		478.0

Таблица № 1894 (продолжение)

Состав жидкости, вес. %						Состав парз, вес. %			t	P
водный слой			дихлорэтановый слой			муравьиная кислота	дихлорэтан	вода		
муравьиная кислота	дихлорэтан	вода	муравьиная кислота	дихлорэтан	вода					
44.01	6.00	49.99	1.49	98.26	0.25	2.48	89.14	8.38	60	460.9
52.28	9.00	38.72	2.51	97.17	0.32	4.76	87.19	8.05		452.0
59.21	16.00	24.79	5.36	93.73	0.91	7.50	85.04	7.46		439.7
59.60	18.80	21.60	9.08	88.72	2.20	13.99	79.48	6.53		427.0

№ 1895 ВОДА—МУРАВЬИНАЯ КИСЛОТА—УКСУСНАЯ КИСЛОТА [7]
 $\text{H}_2\text{O}-\text{CH}_2\text{O}_2-\text{C}_2\text{H}_4\text{O}_2$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
вода	муравьиная кислота	уксусная кислота	вода	муравьиная кислота	уксусная кислота		
20.0	16.0	64.0	25.0	16.0	59.0	109.2	760
20.0	32.0	48.0	22.8	33.7	43.7	107.3	
20.0	48.0	32.0	22.5	50.0	27.5	107.4	
20.0	64.0	16.0	15.0	71.3	13.7	106.0	
40.0	12.0	48.0	50.0	10.1	39.9	106.3	
40.0	24.0	36.0	45.4	21.7	32.9	106.7	
40.0	36.0	24.0	44.5	33.5	22.0	106.8	
40.0	48.0	12.0	39.3	48.2	12.5	107.1	
60.0	8.0	32.0	69.0	5.8	25.2	103.8	
60.0	16.0	24.0	69.0	11.4	19.6	104.4	
60.0	24.0	16.0	69.0	18.1	12.9	105.3	
60.0	32.0	8.0	69.0	22.9	8.1	105.3	
80.0	4.0	16.0	86.0	2.3	11.7	101.9	
80.0	8.0	12.0	86.6	4.4	9.0	102.0	
80.0	12.0	8.0	87.2	6.8	6.0	102.4	
80.0	16.0	4.0	87.6	8.9	3.5	102.7	

№ 1896 УКСУСНАЯ КИСЛОТА—МУРАВЬИНАЯ КИСЛОТА—ВОДА [456]
 $\text{C}_2\text{H}_4\text{O}_2-\text{CH}_2\text{O}_2-\text{H}_2\text{O}$

Состав жидкости, вес. %			Состав пара, вес. %			t	P
уксусная кислота	муравьиная кислота	вода	уксусная кислота	муравьиная кислота	вод		
80.3	7.3	12.4	73.8	8.1	18.1	107.6	760
62.1	16.1	21.8	56.9	14.8	28.3	105.8	
42.8	26.8	30.4	39.2	22.8	38.0	105.2	
33.0	37.4	29.6	32.3	32.0	35.7	105.8	
16.8	55.0	28.2	17.5	50.1	32.4	106.6	

Таблица № 1896 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
уксусная кислота	муравьиная кислота	вода	уксусная кислота	муравьиная кислота	вода		
19.6	57.2	23.2	20.3	54.3	25.4	107.0	760
11.9	63.1	25.0	13.0	60.0	27.0	107.1	
10.8	66.3	22.9	11.9	64.0	24.1	107.2	
22.7	61.3	16.0	23.3	61.8	14.9	107.2	
15.5	72.2	12.3	15.6	74.4	10.0	106.5	
13.2	76.5	10.3	12.8	79.2	8.0	105.9	
8.4	83.3	8.3	9.0	84.6	6.4	104.8	
5.6	87.5	6.9	5.6	89.5	4.9	103.6	
3.0	62.6	34.4	3.2	56.6	40.2	106.6	
2.0	55.1	42.3	3.4	44.8	51.8	105.6	
6.1	41.0	52.9	5.9	29.0	65.1	104.0	
3.5	23.9	72.6	3.7	13.2	83.1	102.0	
13.1	19.0	67.9	11.1	10.9	78.0	102.0	
19.0	21.4	59.6	11.6	12.4	76.0	102.4	
38.1	18.6	43.3	32.4	13.5	54.1	103.4	
56.5	12.2	31.3	49.8	9.6	40.6	104.6	
58.2	21.0	20.8	53.5	20.4	26.1	106.6	
61.1	22.2	16.7	57.1	21.6	21.3	107.4	
71.7	15.0	13.3	67.4	15.3	17.3	108.3	
69.4	21.6	9.0	63.6	25.9	10.5	109.2	
65.5	27.9	6.6	59.2	33.0	7.8	109.0	
74.6	20.2	5.2	68.9	24.6	6.5	110.3	
49.3	45.8	4.9	43.6	51.3	5.1	107.1	
29.2	56.1	14.7	28.3	57.7	14.0	107.2	
26.0	62.2	11.8	25.0	64.8	10.2	106.7	
18.3	72.2	9.5	17.3	74.5	8.2	105.8	
24.2	62.0	13.8	24.3	64.1	11.6	107.0	
15.4	73.5	11.1	15.9	74.5	9.6	106.1	
13.7	75.7	10.6	12.4	78.8	8.8	105.6	
10.0	80.8	9.2	9.2	83.3	7.5	104.7	
8.1	76.5	15.4	8.1	78.7	13.2	106.9	
11.5	62.5	26.0	11.9	60.4	27.7	107.2	
26.2	50.9	22.9	26.3	49.7	24.0	107.0	
40.5	40.5	19.0	39.3	40.6	20.1	107.2	
57.7	28.1	14.2	55.0	28.9	16.1	107.9	

№ 1897

[783]

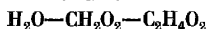
МУРАВЬИНАЯ КИСЛОТА—УКСУСНАЯ КИСЛОТА—ВОДА
 $\text{CH}_2\text{O}_2-\text{C}_2\text{H}_4\text{O}_2-\text{H}_2\text{O}$

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
муравьиная кислота	уксусная кислота	вода	муравьиная кислота	уксусная кислота	вода		
1.8	13.3	84.9	0.7	9.6	89.7	—	760
2.2	2.4	95.4	0.9	1.8	97.3	—	
4.4	67.5	28.1	3.4	55.2	41.4	103.7	
5.5	4.5	90.0	2.5	3.3	94.2	—	
5.6	1.6	92.8	2.5	1.2	96.3	100.2	

Таблица № 1897 (продолжение)

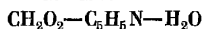
Состав жидкости, вес. %			Состав пара, вес. %			t	Р
муравьиная кислота	уксусная кислота	вода	муравьиная кислота	уксусная кислота	вода		
5.6	19.7	74.7	2.6	14.2	83.2	100.7	760
7.0	34.9	58.1	3.4	25.8	70.8	101.5	
7.1	52.1	40.8	4.5	40.4	55.1	102.5	
7.4	28.7	63.9	3.5	21.3	75.2	101.2	
7.6	1.7	90.7	3.4	1.3	95.3	100.3	
7.9	4.2	87.0	3.5	3.1	93.4	100.4	
9.8	82.2	8.0	10.4	77.0	12.6	108.5	
10.4	1.7	87.9	4.6	1.3	94.1	100.4	
10.4	75.4	14.2	10.1	68.6	21.3	106.7	
10.8	65.7	23.5	8.9	56.5	34.6	104.8	
11.0	48.1	40.9	6.8	38.1	55.1	102.8	
11.6	55.9	32.5	8.3	45.9	45.8	103.4	
13.2	23.9	62.9	6.9	18.1	75.0	101.5	
13.4	12.5	74.1	6.4	9.3	84.3	101.1	
13.4	34.6	52.0	7.5	26.7	65.8	102.1	
13.5	36.3	50.2	7.6	27.6	64.8	102.3	
16.6	76.6	6.8	17.4	72.2	10.4	108.8	
17.3	52.4	30.3	12.7	44.8	42.5	104.1	
20.7	4.6	74.7	10.0	3.8	85.0	101.7	
22.1	39.0	38.9	14.4	32.4	53.2	—	
22.2	23.2	54.6	12.3	18.7	69.0	102.2	
23.6	54.5	21.0	18.6	50.4	31.0	105.5	
23.7	69.9	6.4	24.9	65.4	9.7	108.3	
23.8	7.8	68.4	12.2	6.4	81.4	—	
25.1	13.3	61.6	13.4	10.8	75.8	102.2	
27.2	12.0	60.8	14.8	9.8	75.4	102.5	
27.9	31.6	40.5	19.1	26.8	54.1	103.7	
29.3	58.6	12.1	29.5	55.1	15.4	107.0	
30.4	41.4	28.2	24.0	38.2	37.8	105.0	
30.8	64.1	5.1	32.3	60.1	7.6	108.0	
31.4	21.6	47.0	20.1	18.5	61.4	103.3	
34.8	7.9	57.3	21.2	7.1	71.7	—	
36.2	54.1	9.7	38.4	51.2	10.4	107.4	
36.5	29.0	34.5	27.8	26.9	45.3	104.7	
36.5	45.4	18.1	34.1	44.2	21.7	106.5	
36.8	16.7	46.5	24.4	15.0	60.6	103.5	
40.5	47.0	12.5	40.2	45.9	13.9	107.0	
43.0	32.0	25.0	37.9	30.9	31.2	106.1	
43.2	8.1	48.7	30.1	7.6	62.3	104.2	
46.2	18.1	35.7	36.3	17.3	46.4	—	
46.2	38.1	15.7	45.2	37.5	17.3	106.9	
48.8	4.8	46.4	35.0	4.6	60.4	104.8	
50.6	29.1	20.3	48.2	28.8	23.0	106.5	
55.2	12.7	32.1	47.9	12.1	40.0	106.1	
56.5	27.8	15.7	56.1	27.5	16.4	107.1	
60.6	23.4	16.0	61.2	22.2	16.6	107.0	
61.3	8.8	29.9	55.3	8.7	36.0	106.6	
64.2	14.4	21.4	63.0	14.1	22.9	107.1	
70.8	10.9	18.3	71.6	10.3	18.1	107.1	
70.9	7.2	21.9	70.7	7.0	22.3	107.1	
74.9	5.3	10.8	75.7	5.1	10.2	107.0	

ВОДА—МУРАВЬИНАЯ КИСЛОТА—УКСУСНАЯ КИСЛОТА



Состав жидкости, мол. %			Состав пара, мол. %			t	P
вода	муравьиная кислота	уксусная кислота	вода	муравьиная кислота	уксусная кислота		
20.0	64.0	16.0	15.0	13.7	71.3	100.0	760
37.5	50.3	12.2	36.3	12.6	51.1	107.2	
40.0	48.0	12.0	39.3	12.5	48.2	106.1	
60.0	32.0	8.0	69.0	8.1	22.9	105.3	
80.0	16.0	4.0	87.6	3.5	8.9	102.7	
20.0	48.0	32.0	22.5	27.5	50.0	107.4	
40.0	36.0	24.0	44.5	22.0	33.5	106.8	
60.0	24.0	16.0	69.0	12.9	18.1	105.3	
80.0	12.0	8.0	87.2	6.0	6.8	102.4	
20.0	32.0	48.0	22.8	43.5	33.7	107.3	
40.0	24.0	36.0	45.4	32.9	21.7	106.7	
60.0	16.0	34.0	69.0	19.6	11.4	104.4	
80.0	8.0	12.0	86.6	9.0	4.4	102.0	
20.0	16.0	64.0	25.0	59.0	16.0	109.2	
40.0	12.0	48.0	50.0	39.9	10.1	106.3	
60.0	8.0	32.0	69.0	25.2	5.8	103.8	
80.0	4.0	16.0	86.0	11.7	2.3	101.9	

МУРАВЬИНАЯ КИСЛОТА—ПИРИДИН—ВОДА



Состав жидкости, вес. %			Состав пара, вес. %			t	P
муравьиная кислота	пиридин	вода	муравьиная кислота	пиридин	вода		
77.27	0.00	22.73	77.27	0.0	22.73	107.46	760
94.71	2.68	2.61	98.33	0.0	1.67	103.93	
91.09	4.6	4.31	96.73	0.0	3.27	106.31	
86.32	7.08	6.6	93.34	0.0	6.66	109.42	
81.76	9.37	8.87	89.14	0.0	10.86	111.84	
77.56	11.85	10.59	83.06	0.0	16.94	113.77	
76.41	2.48	21.11	76.51	0.0	23.49	108.35	
75.67	2.1	22.23	75.13	0.0	24.87	108.16	
74.58	6.3	19.12	75.15	0.0	24.85	109.79	
74.26	4.5	21.24	73.33	0.0	26.67	—	
73.9	9.55	16.55	73.87	0.0	26.13	111.35	
73.22	14.7	12.08	75.07	0.0	24.93	115.41	
73.05	12.2	14.75	72.82	0.0	27.18	—	
72.47	14.2	13.33	72.37	0.0	27.63	114.53	
72.17	8.03	19.8	69.84	0.0	30.16	110.19	
71.56	16.87	11.57	71.55	0.2	28.25	—	
70.64	16.35	13.01	69.49	0.07	30.44	116.06	
70.57	19.7	9.73	70.96	0.4	28.64	119.52	

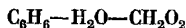
Таблица № 1899 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
муравьиная кислота	пиридин	вода	муравьиная кислота	пиридин	вода		
69.58	22.32	8.1	70.16	1.1	28.74	—	760
68.66	24.15	7.19	69.43	1.92	28.65	124.71	
67.75	26.5	5.75	68.51	3.12	28.37	127.67	
67.52	15.52	16.96	59.23	0.0	40.77	113.73	
66.7	21.37	11.93	59.98	1.08	38.94	119.08	
63.07	23.18	13.75	48.02	1.9	50.08	117.62	
62.63	26.42	10.95	48.25	6.4	45.35	121.01	
61.22	29.2	9.58	45.37	12.1	42.53	123.04	
59.12	30.5	10.38	39.29	15.95	44.76	122.02	
58.12	30.8	11.08	32.79	15.5	51.71	120.59	
55.51	34.93	9.56	26.73	27.4	45.87	121.81	
52.89	39.32	7.79	22.95	38.0	39.05	122.96	
49.32	25.32	25.36	19.6	13.52	66.88	110.15	
46.93	46.8	6.27	14.72	54.3	30.98	122.42	
43.73	51.25	5.02	12.6	61.55	25.85	122.64	

№ 1900

БЕНЗОЛ—ВОДА—МУРАВЬИНАЯ КИСЛОТА

[247]



Состав жидкости, вес. %						Состав пара, вес. %			t	P
верхний слой			нижний слой			бензол	вода	муравьиная кислота		
бензол	вода	муравьиная кислота	бензол	вода	муравьиная кислота					
99.80	0.01	0.19	0.30	70.36	29.34	96.86	2.59	0.55	30	148.4
99.59	0.02	0.39	0.40	53.69	45.91	96.53	2.23	1.24		146.6
98.56	0.04	1.40	1.80	32.58	65.62	93.07	2.57	4.36		144.3
98.15	0.07	1.78	2.00	28.61	69.39	89.65	4.06	6.29		144.4
97.85	0.08	2.07	2.00	26.75	71.25	86.75	4.70	8.55		144.1
96.63	0.08	3.29	4.00	17.91	78.09	83.37	4.53	12.10		145.4
99.77	0.01	0.22	0.40	73.21	26.39	97.16	2.20	0.64	45	289.5
99.50	0.02	0.48	0.60	56.91	42.49	96.37	2.32	1.31		284.8
98.87	0.04	1.09	1.20	41.66	57.14	94.16	2.32	3.52		281.5
98.00	0.07	1.93	3.00	28.43	68.57	90.49	3.17	6.34		278.1
96.21	0.08	3.71	4.30	18.52	77.18	83.14	4.37	12.49		279.0
99.66	0.02	0.32	0.80	71.03	28.17	97.00	2.29	0.71	60	526.5
99.38	0.03	0.59	1.00	57.15	41.85	96.52	1.94	1.54		523.0
98.80	0.06	1.14	2.00	41.43	56.57	93.49	2.79	3.72		512.0
98.03	0.08	1.89	3.00	33.24	63.76	89.83	3.43	6.74		499.0
96.03	0.16	3.81	6.00	18.33	75.67	82.65	4.40	12.86		500.0
94.83	0.23	4.94	6.50	17.09	76.41	80.71	4.06	15.23		505.3

Состав жидкости, вес. %			Состав пара, вес. %			t	P
нитро- метан	спирт пропило- вый	вода	нитро- метан	спирт пропило- вый	вода		
7.7	67.3	25.0	16.1	60.6	23.3	Нет данных	760
8.3	11.8	79.9	32.7	40.2	27.1		
8.3	21.2	70.5	24.0	46.5	29.5		
8.0	38.4	53.6	22.5	50.3	27.2		
8.9	27.6	63.5	27.0	48.3	24.7		
9.0	38.5	52.5	23.6	50.0	26.4		
10.1	46.7	43.2	24.1	56.9	19.0		
10.6	72.7	16.7	22.0	58.8	19.2		
11.3	80.7	8.0	22.3	63.4	14.3		
12.5	25.8	61.7	32.8	41.6	25.6		
12.3	40.0	47.7	27.5	46.9	25.6		
14.2	63.2	22.6	26.1	53.5	20.4		
12.3	73.0	14.7	27.0	56.5	16.5		
14.3	40.6	45.1	31.4	45.4	23.2		
23.4	53.8	22.8	37.5	43.5	19.0		
25.3	58.3	16.4	38.2	45.0	16.8		
26.6	62.9	10.5	38.6	47.1	14.3		
30.4	49.6	20.0	42.8	40.2	17.0		
30.4	46.3	23.3	43.0	38.6	18.4		
30.7	56.6	12.7	42.0	43.3	14.7		
31.7	45.3	23.0	44.0	37.8	18.2		
32.2	30.0	37.8	48.4	31.0	20.6		
32.9	30.1	37.0	48.7	30.9	20.4		
33.1	43.0	23.9	45.2	36.7	18.1		
34.2	50.3	15.5	45.3	39.7	15.0		
34.2	50.3	15.5	44.2	30.4	16.4		
36.8	55.4	7.8	43.7	44.6	11.7		
37.0	27.0	36.0	51.7	27.3	21.0		
38.4	25.0	36.6	52.9	26.3	20.8		
39.0	28.4	32.6	52.9	28.5	18.6		
49.3	33.0	21.7	53.1	30.6	16.3		
46.0	30.3	23.7	53.0	28.5	18.5		
46.0	41.8	12.2	49.6	35.7	14.7		
49.4	40.6	10.0	50.8	36.0	13.2		
50.1	30.4	19.5	53.9	28.5	17.6		
52.4	30.3	17.3	54.2	28.0	17.8		
52.7	30.3	17.0	54.3	28.4	17.3		
52.7	30.3	17.0	54.3	28.4	17.3		
54.4	31.8	13.8	53.0	29.9	10.5		
54.3	29.3	16.4	54.8	28.0	17.2		
54.9	27.6	17.5	55.9	27.0	17.1		
54.6	29.4	16.0	55.2	28.2	16.6		
57.3	29.3	13.4	56.3	28.6	15.1		
57.0	32.0	11.0	54.0	31.0	15.0		

Состав жидкости, вес. %			Состав пара, вес. %			t	P
изопропи- ловый спирт	вода	нитро- метан	изопропи- ловый спирт	вода	нитро- метан		
80.0	10.0	10.0	73.8	8.0	18.2	Нет данных	760
80.0	14.0	6.0	78.3	9.5	12.2		
80.0	6.0	14.0	73.6	5.8	20.6		
60.8	21.4	17.8	62.6	10.9	26.5		
59.2	32.0	8.8	68.8	13.2	18.0		
60.7	13.3	26.0	63.0	7.6	29.4		
58.8	4.4	36.8	59.5	6.0	34.5		
50.0	35.8	14.2	61.1	13.2	25.7		
49.8	11.8	38.4	53.0	7.5	39.5		
49.9	19.8	30.3	53.4	11.5	35.1		
49.5	30.0	20.5	56.1	12.6	31.3		
39.4	44.0	16.6	55.6	12.8	31.6		
38.4	53.6	8.0	65.8	13.3	20.9		
39.6	17.0	43.4	47.0	11.0	42.0		
39.6	25.4	35.0	46.0	13.8	40.7		
39.1	36.3	24.6	47.0	13.6	39.4		
24.5	54.2	21.3	43.5	13.1	43.4		
23.7	64.8	11.5	53.0	14.0	32.1		
25.0	5.0	70.0	39.1	11.8	49.1		
28.0	29.0	43.0	37.7	15.1	47.2		

Состав жидкости, мол. %						Состав пара, мол. %			t	P, ата
углеводородный слой			водный слой			метан	бутан	вода		
метан	бутан	вода	метан	бутан	вода					
20.74	79.18	0.08	0.06	0.01	99.93	86.94	12.88	0.18	37.8	42.9
6.94	92.99	0.07	0.03	0.01	99.96	78.10	21.39	0.51		13.7
45.01	54.90	0.09	0.15	0.00	99.85	85.71	14.19	0.10		95.6
30.67	69.24	0.09	0.10	0.01	99.89	86.39	13.48	0.13		66.6
14.78	85.14	0.08	0.07	0.01	99.92	84.51	15.26	0.23		32.2
4.80	95.13	0.07	0.03	0.01	99.96	70.87	28.65	0.48		14.4
62.35	37.57	0.08	0.18	0.00	99.82	81.33	18.58	0.09		125.0
66.85	33.07	0.08	0.18	0.00	99.82	77.64	22.28	0.08		129.3
69.69	30.23	0.08	0.19	0.00	99.81	74.84	25.08	0.08		129.9
71.24	28.68	0.08	0.19	0.00	99.81	73.84	26.08	0.08		130.1
64.15	35.77	0.08	0.18	0.00	99.82	80.34	19.58	0.08	71.1	127.9
38.57	61.35	0.08	0.13	0.01	99.86	87.80	12.09	0.11		83.0
50.87	48.78	0.35	0.15	0.01	99.84	73.97	25.65	0.38		114.5
43.65	56.00	0.35	0.14	0.00	99.86	77.76	21.81	0.43		100.6
29.29	70.40	0.31	0.10	0.01	96.89	79.17	20.29	0.54		69.5

Таблица № 1903 (продолжение)

Состав жидкости, мол. %						Состав пара, мол. %			t	P, ата
углеводородный слой			водный слой			метан	бутан	вода		
метан	бутан	вода	метан	бутан	вода					
13.44	86.26	0.30	0.05	0.01	99.94	—	—	—	71.1	36.4
2.65	97.11	0.24	0.00	0.02	99.98	32.86	64.93	2.21		13.1
49.48	50.17	0.35	0.15	0.01	99.84	76.64	22.96	0.40		111.2
53.11	46.53	0.36	0.15	0.01	99.84	71.29	28.34	0.37		117.6
29.65	70.02	0.33	0.10	0.01	99.89	79.47	19.99	0.54		71.5
58.73	40.90	0.37	0.16	0.00	99.84	66.22	33.43	0.35		122.2
15.64	84.08	0.28	0.06	0.02	99.92	73.87	25.35	0.78		41.1
59.78	39.86	0.36	0.10	0.00	99.84	64.52	35.12	0.36		123.1
31.63	67.14	1.23	0.10	0.02	99.88	57.01	41.45	1.54	104.4	84.4
34.32	64.42	1.26	0.11	0.02	99.87	56.85	41.67	1.48		89.5
25.90	72.95	1.15	0.00	0.04	99.90	—	—	—		72.5
18.97	79.92	1.11	0.06	0.03	99.91	57.49	40.36	2.15		58.2
7.67	91.35	0.98	0.03	0.03	99.94	41.30	55.46	3.24		34.0
2.65	96.47	0.88	0.02	0.02	99.96	22.76	72.88	4.36		23.0
44.86	53.85	1.29	0.13	0.01	99.86	51.77	46.93	1.30		103.4
40.57	58.26	1.17	0.12	0.01	99.87	54.75	43.89	1.36		99.3
12.51	86.47	1.02	0.05	0.02	99.93	51.82	45.31	2.87	137.8	44.3
1.54	97.58	0.88	0.01	0.03	99.96	15.38	79.68	4.94		20.5
43.40	44.32	1.28	0.13	0.01	99.86	52.75	45.90	1.35		102.0
8.75	87.84	3.41	0.03	0.04	99.93	20.85	73.09	6.06		45.2
16.08	79.64	4.28	0.05	0.04	99.91	22.89	72.26	4.85		60.9
10.28	86.02	3.70	0.04	0.03	99.93	22.23	72.05	5.72		49.0
0.52	96.74	2.74	0.01	0.04	99.95	7.76	85.06	7.18		34.0
17.94	77.50	4.56	0.05	0.04	99.91	22.45	73.10	4.39		64.5
13.25	82.94	3.81	0.05	0.03	99.92	22.98	71.66	5.36	54.8	
6.04	90.78	3.18	0.01	0.05	99.94	18.47	74.93	6.60	41.4	

№ 1904

АЦЕТАЛЬДЕГИД—МЕТИЛОВЫЙ СПИРТ—ВОДА

[279]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацеталь-дегид	метиловый спирт	вода	ацеталь-дегид	метиловый спирт	вода		
1.90	9.88	88.22	31.7	41.2	27.1	10	36.0
1.99	5.98	92.03	45.3	28.1	26.6		29.5
2.05	2.90	95.05	64.0	14.9	21.1		29.0
4.40	2.87	92.73	77.4	6.9	15.7		54.2
6.39	2.62	90.99	82.1	3.0	14.9		71.5
1.90	9.88	88.22	34.0	41.1	24.9	15	43.5
1.99	5.98	92.03	46.4	27.2	26.4		39.2
2.05	2.90	95.05	64.6	12.6	22.8		41.5
4.40	2.87	92.73	77.9	6.3	15.8		73.5
6.39	2.62	90.99	81.6	3.1	15.3		98.0
1.90	9.88	88.22	34.8	38.9	26.3	20	58.0

Таблица № 1904 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацеталь-дегид	метиловый спирт	вода	ацеталь-дегид	метиловый спирт	вода		
1.99	5.98	92.03	47.2	26.6	26.2	20	52.5
2.05	2.90	95.05	64.8	10.6	24.6		57.5
4.40	2.87	92.73	78.1	5.7	16.2		101.0
6.39	2.62	90.99	81.2	3.1	15.7		137.0
1.90	9.88	88.22	36.2	37.9	25.9	25	74.0
1.99	5.98	92.03	48.2	25.8	26.0		73.5
2.05	2.90	95.05	64.8	8.9	26.3		78.0
4.40	2.87	92.73	78.4	5.1	16.5		134.0
6.39	2.62	90.99	80.7	3.1	16.2		178.2
1.90	9.88	88.22	37.8	36.9	25.3	30	94.0
1.99	5.98	92.03	48.7	25.3	26.0		99.0
2.05	2.90	95.05	64.8	7.5	27.7		106.0
4.40	2.87	92.73	78.7	4.7	16.6		180.0
6.39	2.62	90.99	80.5	3.1	16.4		236.0

№ 1905 МЕТИЛОВЫЙ СПИРТ ЭТИЛОВЫЙ СПИРТ ВОДА [572]
 $\text{CH}_3\text{O}-\text{C}_2\text{H}_5\text{O}-\text{H}_2\text{O}$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метиловый спирт	этиловый спирт	вода	метиловый спирт	этиловый спирт	вода		
10.6	51.7	37.7	18.3	57.3	24.4	Нет данных	742.8
18.8	45.9	35.3	29.7	49.3	21.0		743.1
28.1	38.3	33.6	43.1	38.6	18.3		742.4
68.3	6.4	25.3	86.5	5.1	8.4		749.7
60.8	12.2	27.0	77.9	11.9	10.2		748.0
40.6	3.8	55.6	73.7	6.9	19.4		747.6
26.6	14.1	59.3	52.9	22.4	24.7		747.2
12.1	24.2	63.7	31.3	40.8	27.9		746.8
80.8	4.0	15.2	92.1	3.5	4.4		746.8
6.3	64.1	29.6	10.2	67.5	22.3		747.0
6.1	28.6	65.3	15.2	52.1	32.7		746.6
4.4	48.2	47.4	7.4	63.0	29.6		745.6
62.5	3.6	33.9	84.5	4.0	11.5		744.3
33.1	18.8	48.1	53.1	26.5	20.4		739.9
41.5	27.4	31.1	60.3	25.5	14.2		742.6
48.3	9.2	42.5	71.9	12.3	15.8		741.3
13.1	41.9	45.0	23.3	51.0	25.7		741.8
25.4	32.7	41.9	41.3	37.1	24.6		742.7
37.8	23.3	38.9	57.3	25.2	17.5		742.2
47.3	15.1	37.6	70.3	15.4	14.3		740.6
8.0	39.2	52.8	15.8	55.0	29.2		740.3
15.2	33.3	51.5	28.4	45.3	26.3		745.2
21.7	28.3	50.0	39.6	36.9	23.5		745.1
34.1	9.6	56.3	61.4	15.4	23.2		745.3
19.7	19.3	61.0	41.7	31.2	27.1		747.8
18.7	11.5	69.8	42.7	28.4	28.9		747.3
29.4	3.6	67.0	64.7	9.0	26.3		746.0

Таблица № 1908 (продолжение)

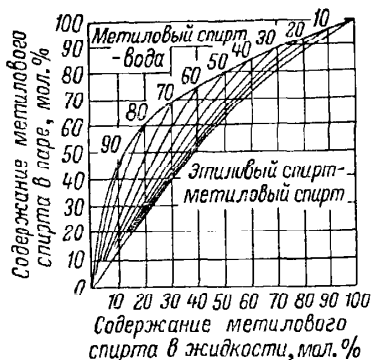
Состав жидкости, мол. %			Состав пара, мол. %			t	P
метиловый спирт	этиловый спирт	вода	метиловый спирт	этиловый спирт	вода		
5.2	14.2	80.6	17.3	44.9	37.8	Нет данных	746.4
12.5	8.9	78.6	39.1	27.9	33.0		745.9
20.0	3.5	76.5	59.1	10.9	30.0		744.3
3.0	9.6	87.4	17.2	39.8	43.0		744.9
9.2	7.5	83.3	29.5	33.6	36.9		746.3
13.8	2.9	83.3	50.0	13.4	36.9		743.7
3.2	5.1	91.7	19.8	31.6	48.6		742.0
6.1	3.3	90.6	39.0	15.1	45.9		741.2
16.7	69.0	14.3	24.9	63.6	11.5		745.9
31.7	56.6	11.7	47.2	45.6	7.2		746.4
46.6	44.1	9.3	58.6	36.3	5.1		746.4
77.5	20.0	2.5	85.8	13.2	1.0		745.4
88.5	10.0	1.5	93.8	5.7	0.5		747.1

$$\lg \gamma_1 = \frac{1}{T} \left[\frac{6.85 x_3}{x_1 + 1.275 x_2 + 0.62 x_3} \right]^2,$$

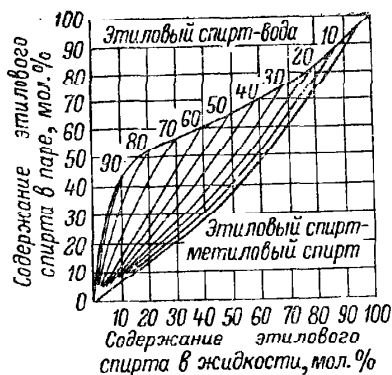
$$\lg \gamma_2 = \frac{1}{T} \left[\frac{9.05 x_3}{0.885 x_1 + x_2 + 0.55 x_3} \right]^2.$$

$$\lg \gamma_3 = \frac{1}{T} \left[\frac{14.0 x_1 + 22.3 x_2}{1.61 x_1 + 1.82 x_2 + x_3} \right]^2.$$

Уравнения приведены по работам: R. R. White. Trans. Amer. Inst. Chem. Eng., 41, 539 (1945).



P = 760 мм



$$P = 760 \text{ мм}$$

Цифры на графиках показывают содержание воды (в мол. %) в жидкости.

№ 1906 МЕТИЛОВЫЙ СПИРТ—ЭТИЛОВЫЙ СПИРТ—ВОДА [616]
 $\text{CH}_3\text{O}—\text{C}_2\text{H}_5\text{O}—\text{H}_2\text{O}$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метиловый спирт	этиловый спирт	вода	метиловый спирт	этиловый спирт	вода		
15.66	83.06	1.28	23.61	75.37	1.02	75.8	760
27.53	71.43	1.04	37.74	61.36	0.90	73.92	
32.61	65.95	1.44	42.89	56.01	1.10	72.9	
37.45	61.16	1.39	50.94	48.33	0.73	71.8	
38.45	59.83	1.72	51.65	47.34	1.01	72.06	
48.08	50.28	1.64	60.45	38.62	0.93	71.1	
49.08	48.95	1.97	63.60	34.87	1.53	70.9	
55.10	42.76	2.14	67.14	31.73	1.13	70.1	
59.45	38.47	1.08	68.83	29.81	1.36	69.8	
64.79	33.03	2.18	74.96	23.89	1.15	68.9	
69.61	28.17	2.22	79.71	18.99	1.30	68.1	
76.67	21.13	2.20	82.99	15.78	1.23	67.7	
78.07	20.20	1.73	88.20	10.96	0.84	66.8	
78.29	19.96	1.75	85.43	13.69	0.88	67.1	

№ 1907 АЦЕТОН—МЕТИЛОВЫЙ СПИРТ—ВОДА [442]
 $\text{C}_3\text{H}_8\text{O}—\text{CH}_3\text{O}—\text{H}_2\text{O}$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
1.24	6.13	92.63	20.90	22.57	56.53	82.8	760
1.88	37.78	60.34	9.12	64.50	26.38	72.8	
2.53	67.22	30.25	7.73	78.69	13.58	67.5	

Таблица № 1907 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
3.31	55.64	41.05	9.53	71.91	18.56	69.2	760
4.29	87.10	8.61	9.45	87.10	3.45	64.2	
4.49	84.39	11.12	10.18	84.96	4.86	64.4	
6.28	30.42	63.30	27.31	44.20	28.49	70.0	
6.39	41.66	81.95	43.83	26.90	29.27	72.8	
7.24	49.85	42.91	21.76	61.39	16.85	67.5	
7.57	71.50	20.93	18.30	72.30	9.40	64.7	
8.40	4.01	87.59	60.37	8.58	31.05	69.7	
9.05	39.40	51.55	30.42	49.55	20.03	67.6	
9.10	18.28	72.62	41.54	32.80	25.66	69.7	
9.52	26.68	63.80	38.17	37.46	24.37	68.6	
9.71	62.71	27.58	23.52	66.15	10.33	64.4	
11.20	75.80	13.00	23.12	71.80	5.08	62.5	
13.14	37.29	49.57	36.33	45.65	18.02	65.6	
13.15	33.50	53.35	40.00	32.62	18.38	62.8	
15.15	40.50	44.35	38.27	44.90	16.83	65.1	
16.65	23.95	59.40	47.71	29.04	23.25	65.6	
16.96	70.26	12.78	29.60	64.07	6.33	61.1	
16.97	37.76	45.27	42.26	41.26	16.48	64.7	
17.58	44.12	38.30	39.55	45.43	15.02	63.9	
19.54	34.76	45.70	41.90	39.70	18.40	63.9	
21.91	19.54	58.55	57.42	22.06	20.52	64.2	
22.38	64.97	12.65	38.00	56.94	5.06	60.3	
23.65	7.95	68.40	69.20	10.55	20.25	63.6	
27.08	49.74	23.18	45.74	45.05	9.21	60.9	
27.12	23.95	48.93	58.13	24.82	17.05	62.8	
27.12	51.15	21.73	46.12	45.00	8.88	60.6	
29.50	34.76	35.75	52.10	35.43	12.47	61.5	
31.55	48.65	19.80	48.65	42.65	8.70	60.3	
33.14	29.56	37.30	56.14	25.63	18.23	61.7	
33.30	13.83	52.87	70.07	14.61	15.32	62.1	
33.43	54.75	11.82	50.00	45.50	4.50	58.7	
35.10	49.05	15.85	49.35	47.00	3.65	58.6	
37.44	50.10	12.46	60.30	34.84	4.86	58.3	
38.42	57.93	3.65	49.72	48.71	1.57	57.5	
38.75	30.73	30.52	59.52	27.95	12.53	60.6	
40.85	11.34	47.81	71.50	10.39	18.11	60.9	
42.42	26.15	31.43	64.47	21.45	14.08	59.8	
43.15	9.40	47.45	74.37	9.66	15.97	61.1	
47.15	47.45	5.40	57.26	40.50	2.24	56.5	
47.22	10.43	42.35	73.66	10.88	15.46	60.0	
47.78	15.72	36.50	72.39	11.85	15.76	59.5	
52.90	8.65	38.45	79.10	6.05	14.85	59.4	
55.90	38.07	6.03	63.34	33.96	2.70	56.5	
57.02	20.35	22.63	72.11	16.87	11.02	58.1	
61.40	20.02	18.58	73.15	17.70	9.15	57.5	
62.09	16.33	21.58	75.45	13.88	10.67	57.8	
67.50	10.25	22.25	78.65	10.80	10.55	57.6	
74.44	18.80	6.76	78.32	18.05	3.63	56.0	
75.29	17.08	7.63	78.52	17.64	3.84	56.1	

Таблица № 1907 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
81.00	8.71	10.29	83.70	9.33	6.97	56.5	760
82.20	4.06	13.74	86.86	6.33	6.81	57.0	
85.36	4.97	9.67	88.46	5.69	5.85	56.2	
89.93	3.70	6.37	93.91	4.34	1.75	56.5	

№ 1908

АЦЕТОН—МЕТИЛОВЫЙ СПИРТ—ВОДА

[570]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
10	10	80	61.0	13.0	26.0	70.0	760
10	20	70	52.0	24.0	24.0	70.0	
10	30	60	43.0	35.5	21.5	69.4	
10	40	50	37.0	45.0	18.0	68.8	
10	50	40	32.0	54.0	14.0	68.0	
10	60	30	26.0	63.0	11.0	66.5	
10	70	20	22.0	71.0	7.0	65.0	
10	80	10	18.5	78.0	3.5	63.5	
20	10	70	72.0	7.0	21.0	65.0	
20	20	60	63.5	18.0	18.5	65.5	
20	30	50	56.0	28.0	16.0	65.5	
20	40	40	50.0	37.0	13.0	64.5	
20	50	30	44.0	47.0	9.0	63.5	
20	60	20	38.5	55.0	6.5	62.5	
20	70	10	34.0	62.5	3.5	61.0	
30	10	60	76.0	6.5	17.5	62.8	
30	20	50	70.0	15.0	15.0	62.7	
30	30	40	62.5	25.5	12.0	62.3	
30	40	30	57.0	34.5	8.5	61.5	
30	50	20	52.0	41.5	6.5	60.5	
30	60	10	46.5	50.0	3.5	59.5	
40	10	50	79.0	6.0	15.0	61.5	
40	20	40	72.5	15.5	12.0	60.8	
40	30	30	67.0	24.2	8.8	60.0	
40	40	20	61.5	32.2	6.3	59.4	
40	50	10	56.5	40.2	3.3	58.4	
50	10	40	81.0	6.5	12.5	60.0	
50	20	30	75.0	16.0	9.0	59.4	
50	30	20	70.0	23.2	6.8	58.6	
50	40	10	65.0	31.7	3.3	57.6	
60	10	30	82.0	8.0	10.0	59.1	
60	20	20	77.0	16.3	6.7	58.3	
60	30	10	72.0	24.5	3.5	57.3	
70	10	20	82.7	9.5	7.8	58.2	
70	20	10	77.8	18.4	3.8	57.2	
80	10	10	86.0	10.0	4.0	57.2	



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
0.1	1.8	98.1	11.0	4.5	84.5	100	1.22
0.1	3.9	96.0	6.9	17.5	75.6		1.32
0.7	3.1	96.2	16.4	11.2	72.4		1.42
0.8	4.0	95.2	18.2	14.6	67.2		1.54
0.9	2.3	96.8	21.0	5.4	73.6		1.45
1.0	1.8	97.2	28.1	2.7	69.2		1.48
1.5	3.4	95.1	25.6	12.6	61.8		1.61
1.9	2.9	95.2	31.4	9.8	58.8		1.67
1.9	4.4	93.7	28.7	14.8	56.5		1.74
2.4	10.7	86.9	24.8	27.1	48.1		1.97
2.8	18.2	79.0	19.6	39.6	40.8		2.14
3.1	3.8	93.1	39.5	9.1	51.4		1.96
3.1	4.8	92.1	35.5	13.2	51.3		1.99
3.3	20.4	76.3	20.8	41.1	38.1		2.21
4.3	22.4	73.7	21.2	41.9	26.9		2.34
6.6	11.9	81.5	41.2	19.7	39.1		2.41
6.9	19.8	73.3	32.5	31.7	35.8		2.48
7.5	47.0	45.5	18.7	59.3	22.0		2.86
8.9	13.1	78.0	46.8	16.7	36.5		2.61
9.1	33.8	57.1	27.5	44.2	28.3		2.76
10.0	19.3	70.7	41.1	26.1	32.8		2.72
10.3	34.5	55.2	29.4	44.3	26.3		2.86
11.9	11.9	76.2	50.3	15.6	34.1		2.71
14.4	44.0	41.6	30.8	49.5	19.7		3.09
15.8	8.8	75.4	58.9	9.2	31.9		2.89
16.7	28.7	54.6	43.6	30.1	26.3		2.97
17.7	05.4	20.9	25.9	65.7	8.4		3.47
17.8	21.3	60.9	51.6	19.9	28.5		2.95
18.2	61.6	20.2	27.2	62.9	9.9		3.44
19.0	54.6	26.4	33.9	53.5	12.6		3.42
20.1	54.9	26.0	32.0	55.8	12.2		3.40
21.5	3.3	75.2	65.8	4.1	30.1		3.03
22.0	47.8	30.2	36.8	48.9	14.3		3.36
23.1	63.9	13.0	31.1	62.4	6.5		3.60
23.2	16.0	60.8	58.6	13.5	17.9		3.08
25.2	24.3	50.5	52.9	22.9	24.2		3.16
25.7	64.0	10.3	32.4	62.1	5.5		3.70
27.0	67.9	5.1	32.3	64.8	2.8		3.77
27.5	34.4	38.1	47.1	33.9	9.0		3.35
36.1	12.7	61.2	66.6	8.7	24.7		3.29
37.9	29.9	32.2	54.1	29.6	16.3		3.49
38.1	54.9	7.0	43.0	52.5	4.5		3.84
38.5	47.9	13.6	45.5	47.4	7.1		3.72
44.4	13.0	22.6	69.4	8.4	22.2		3.39
46.0	17.1	36.9	66.1	14.5	19.4		3.48
49.4	29.4	21.2	59.3	29.5	11.2		3.63
60.7	33.0	6.3	62.1	33.9	4.0		3.87
67.2	8.2	24.6	76.3	7.7	16.0		3.60

Таблица № 1909 (продолжение)

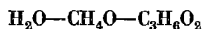
Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
77.0	5.9	17.1	80.8	6.4	12.8	100	3.65
91.6	5.0	3.4	90.1	6.9	3.0		3.72
1.0	3.9	95.1	6.0	9.2	84.8	250	46.89
1.2	4.2	94.6	5.7	10.7	83.6		47.57
1.2	7.4	91.4	5.9	15.4	78.7		49.82
1.5	69.4	29.1	1.7	72.6	25.7		80.92
1.5	67.8	30.7	1.6	72.2	26.2		80.58
2.5	7.2	90.3	9.1	14.4	76.5		51.18
2.9	9.9	87.2	9.9	18.3	71.8		54.04
3.0	2.9	94.1	11.8	7.1	81.1		48.59
3.0	7.3	89.7	10.6	14.4	75.0		52.34
3.6	3.1	93.3	14.0	6.1	79.9		50.29
3.8	60.6	35.6	3.8	65.7	30.5		78.54
4.3	4.9	90.8	14.3	9.5	76.2		52.20
4.4	13.9	81.7	10.9	23.9	55.2		58.12
4.7	53.7	41.6	5.2	60.5	34.3		75.81
5.5	64.0	30.5	5.5	64.9	29.6		78.54
6.2	3.3	90.5	18.8	6.4	74.8		53.35
6.2	45.4	48.4	7.7	52.5	39.8		72.75
6.7	6.7	86.6	16.7	13.2	70.1		55.74
6.5	54.2	39.3	7.2	58.7	34.1		75.81
6.9	65.1	28.0	6.9	65.1	28.0		77.18
7.3	32.8	59.9	9.9	42.1	48.0		67.38
7.4	11.6	81.0	15.3	20.3	64.4		59.07
8.2	4.9	86.9	20.2	9.0	70.8		55.87
8.5	34.0	57.5	11.2	42.1	46.7		68.06
8.8	8.4	82.8	19.2	14.5	66.3		57.71
8.9	55.3	35.8	9.2	56.5	34.3		75.47
9.4	36.8	53.8	11.4	43.0	45.6		68.74
9.4	41.4	49.2	10.9	47.5	41.6		71.60
10.1	14.6	75.3	17.6	22.7	59.7		61.86
10.2	8.0	81.8	20.4	13.9	65.7		58.32
11.5	42.1	46.4	13.1	46.6	40.3		72.14
11.7	27.4	60.9	15.5	34.0	50.5		66.29
12.3	20.1	67.6	18.8	26.8	54.4		64.93
12.9	10.7	76.4	22.4	16.8	60.8		61.52
13.7	9.4	76.9	23.7	14.8	61.5		61.25
15.6	44.7	39.7	15.9	45.2	38.9		72.41
16.4	21.3	62.3	23.3	23.9	52.8		65.27
17.2	15.2	67.6	25.0	19.2	55.8		64.93
17.2	45.7	37.1	17.1	45.7	37.2		73.43
18.0	22.5	59.5	22.9	26.3	50.8		66.29
19.2	8.4	72.4	28.6	11.9	59.5		63.56
20.9	25.4	43.7	24.5	29.0	46.5		69.42
24.0	12.3	63.7	31.0	14.9	54.1		65.33
25.8	32.2	42.0	26.3	32.1	41.6		71.05
26.3	26.9	46.8	27.5	28.7	43.8		70.10
28.4	7.7	63.9	35.5	8.9	55.6		64.93
28.7	15.2	56.1	32.3	16.6	51.1		66.29

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
ацетон	метиловый спирт	вода	ацетон	метиловый спирт	вода		
29.2	18.3	52.5	32.7	19.7	47.6	250	70.05
31.5	18.8	49.7	36.1	17.1	46.8		69.01
32.8	21.3	45.9	35.1	21.9	43.0		70.37
34.0	7.9	58.1	38.8	9.0	52.2		66.29
34.8	19.4	45.7	35.5	19.8	44.7		69.69
39.6	15.9	44.5	39.6	15.9	44.5		69.42
40.4	4.8	54.8	42.8	5.7	51.5		66.29
40.5	13.9	45.6	41.3	14.6	44.1		69.42
45.8	2.2	52.0	46.5	2.2	51.3		65.27

№ 1910

ВОДА—МЕТИЛОВЫЙ СПИРТ—МЕТИЛАЦЕТАТ

[461]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
вода	метиловый спирт	метил-ацетат	вода	метиловый спирт	метил-ацетат		
82	11	7	24	19	60	760	
46	18	36	18	17	65		
30	22	48	17	18	65		
38	46	16	14	41	45		
58	29	13	17	29	54		
78	16	6	23	28	49		
86	8	6	24	19	57		
5	69	26	5	53	42		
26	54	20	12	46	42		
21	25	54	15	22	63		
7	52	41	5	44	51		
23	43	34	13	34	53		
39	35	26	18	29	53		
65	22	13	19	21	60		
6	41	53	7	36	57		
21	34	45	13	30	57		
37	28	35	18	23	59		
63	18	19	19	16	65		
79	9	12	13	10	77		
8	75	17	5	60	35		
24	65	11	8	57	35		
36	54	10	13	51	36		
5	30	65	4	31	65		
25	23	52	15	20	65		
3	86	11	2	74	24		
5	6	89	6	13	81		
23	15	62	15	15	70		
29	13	58	16	14	70		
60	20	20	20	16	64		

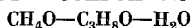
Таблица № 1910 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
вода	метиловый спирт	метил-ацетат	вода	метиловый спирт	метил-ацетат		
49	27	24	19	22	59	60.7	760
10	84	6	3	83	14	63.2	
51	46	3	18	67	15	62.6	
0	24	76	0	28	72	56.0	
0	45	55	0	39	61	55.3	
0	58	42	0	47	53	54.8	
0	73	27	0	56	44	55.9	
0	86	14	0	69	31	58.3	
0	93	7	0	82	18	60.7	

№ 1911

[443]

МЕТИЛОВЫЙ СПИРТ—ИЗОПРОПИЛОВЫЙ СПИРТ—ВОДА

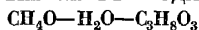


Состав жидкости, мол. %			Состав пара, мол. %			t	P
метиловый спирт	изопропиловый спирт	вода	метиловый спирт	изопропиловый спирт	вода		
8.6	14.1	77.3	19.8	40.2	40.0	80.2	762
10.0	31.5	58.5	17.8	46.2	36.0	78.3	748
11.3	51.5	37.2	19.9	48.9	31.2	77.8	766
13.2	7.3	79.5	27.0	39.1	33.9	80.2	766
14.3	5.4	80.3	39.6	21.5	38.9	80.2	746
17.0	20.5	62.5	32.6	34.0	33.4	77.6	767
17.5	5.8	76.7	43.1	20.5	36.4	79.6	768
19.4	7.1	73.5	44.2	20.8	35.0	77.9	767
19.4	14.8	65.8	38.0	28.5	32.9	79.0	768
20.8	9.1	70.1	44.4	22.1	33.5	77.6	748
23.0	9.0	68.0	47.0	19.9	33.1	77.8	764
24.8	15.4	59.8	43.8	25.0	31.2	76.5	766
30.8	17.9	51.3	52.6	22.3	25.1	74.9	762
41.9	13.4	44.7	62.5	16.2	11.3	73.7	764
44.2	13.0	42.8	63.4	14.9	21.7	72.8	755
54.7	10.3	35.0	74.8	9.8	15.4	71.6	755

№ 1912

МЕТИЛОВЫЙ СПИРТ—ВОДА—ГЛИЦЕРИН

[75]



Состав жидкости, мол. %			Состав пара, мол. %		t	P
метиловый спирт	вода	глицерин	метиловый спирт	вода		
0.00	85.00	15.00	0.00	100.00	25	18.0
19.37	65.15	15.48	69.80	30.20		51.0
44.71	39.93	15.36	88.24	11.76		82.5
52.47	32.45	15.08	90.43	9.57		87.8

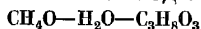
Таблица № 1912 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
метиловый спирт	вода	глицерин	метиловый спирт	вода		
68.27	16.88	14.85	94.85	5.15	25	99.0
85.00	0.00	15.00	100.00	0.00		113.0
0.00	50.00	50.00	0.00	100.00		8.5
19.93	30.01	50.06	85.06	14.94		43.5
35.83	11.28	52.89	96.09	3.91		66.7
50.00	0.00	50.00	100.00	0.00		77.5
0.00	85.00	15.00	0.00	100.00	50	75.0
19.37	65.15	15.48	67.32	32.68		184.5
44.71	39.93	15.36	86.02	13.98		279.0
52.47	32.45	15.08	88.78	11.22		294.0
68.27	16.88	14.85	93.86	6.14		325.8
85.00	0.00	15.00	100.00	0.00		382.0
0.00	50.00	50.00	0.00	100.00		37.5
19.93	30.01	50.06	83.33	16.67		150.0
35.83	11.28	52.89	95.03	4.97		211.5
50.00	0.00	50.00	100.00	0.00		253.0
0.00	85.00	15.00	0.00	100.00	62.5	128.0
19.37	65.15	15.48	65.17	34.83		315.0
44.71	39.93	15.36	85.04	14.96		472.0
52.47	32.45	15.08	—	—		497.0
68.27	16.88	14.85	93.48	6.52		548.0
85.00	0.00	15.00	100.00	0.00		648.0
0.00	50.00	50.00	0.00	100.00		71.0
19.93	30.01	50.06	80.54	19.46		239.0
35.83	11.28	52.89	94.57	5.43		359.0
50.00	0.00	50.00	100.00	0.00		417.0

№ 1913

МЕТИЛОВЫЙ СПИРТ—ВОДА—ГЛИЦЕРИН

[145]



Состав жидкости, мол. %			Состав пара, мол. %		t	P
метиловый спирт	вода	глицерин	метиловый спирт	вода		
0.0	100.0	0.0	0.0	100.0	50	92.5
10.0	90.0	0.0	44.5	55.5		151.0
0.0	90.0	10.0	0.0	100.0		82.2
20.0	80.0	0.0	60.4	39.6		193.3
10.0	80.0	10.0	48.6	51.4		145.5
0.0	80.0	20.0	0.0	100.0		70.6
30.0	70.0	0.0	69.3	30.7		226.3
20.0	70.0	10.0	65.7	34.3		189.3
10.0	70.0	20.0	51.5	48.5		140.4
0.0	70.0	30.0	0.0	100.0		59.0
40.0	60.0	0.0	75.4	24.6		254.2
30.0	60.0	10.0	74.8	25.2		225.0

Таблица № 1913 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
метилловый спирт	вода	глицерин	метилловый спирт	вода		
20.0	60.0	20.0	69.1	30.9	50	186.6
10.0	60.0	30.0	59.0	41.0		122.2
0.0	60.0	40.0	0.0	100.0		47.8
50.0	50.0	0.0	80.4	19.6		279.5
40.0	50.0	10.0	81.0	19.0		254.9
30.0	50.0	20.0	79.9	20.1		220.1
20.0	50.0	30.0	75.9	24.1		171.9
10.0	50.0	40.0	64.2	35.8		109.7
0.0	50.0	50.0	0.0	100.0		37.7
60.0	40.0	0.0	84.7	15.3		303.5
50.0	40.0	10.0	85.8	14.2		281.2
40.0	40.0	20.0	85.0	14.1		252.0
30.0	40.0	30.0	84.6	15.4		212.3
20.0	40.0	40.0	80.7	19.3		160.1
10.0	40.0	50.0	69.4	30.6		97.1
0.0	40.0	60.0	0.0	100.0		28.8
70.0	30.0	0.0	88.9	11.1		328.6
60.0	30.0	10.0	90.0	10.0		305.6
50.0	30.0	20.0	90.4	9.6		279.5
40.0	30.0	30.0	90.2	9.8		246.2
30.0	30.0	40.0	88.8	11.2		202.4
20.0	30.0	50.0	85.3	14.7		147.4
10.0	30.0	60.0	74.9	25.1		84.3
0.0	30.0	70.0	0.0	100.0		20.8
80.0	20.0	0.0	92.7	7.3		353.7
70.0	20.0	10.0	93.7	6.3		328.5
60.0	20.0	20.0	94.2	5.8		304.1
50.0	20.0	30.0	94.3	5.7		275.0
40.0	20.0	40.0	93.9	6.1		237.9
30.0	20.0	50.0	92.7	7.3		190.6
20.0	20.0	60.0	89.8	10.2		134.2
10.0	20.0	70.0	81.3	18.7		72.7
0.0	20.0	80.0	0.0	100.0		13.6
90.0	10.0	0.0	96.5	3.5		379.4
80.0	10.0	10.0	97.0	3.0		350.6
70.0	10.0	20.0	97.3	2.7		325.8
60.0	10.0	30.0	97.5	2.5		299.5
50.0	10.0	40.0	97.4	2.6		268.0
40.0	10.0	50.0	97.1	2.9		227.7
30.0	10.0	60.0	96.3	3.7		177.8
20.0	10.0	70.0	94.6	5.4		120.5
10.0	10.0	80.0	89.0	11.0		61.1
0.0	10.0	90.0	0.0	100.0		6.9
100.0	0.0	0.0	100.0	0.0		406.0
90.0	0.0	10.0	100.0	0.0		371.5
80.0	0.0	20.0	100.0	0.0		344.9
70.0	0.0	30.0	100.0	0.0		320.3
60.0	0.0	40.0	100.0	0.0		292.8
50.0	0.0	50.0	100.0	0.0		258.7

Таблица № 1913 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
метиловый спирт	вода	глицерин	метиловый спирт	вода		
40.0	0.0	60.0	100.0	0.0	50	215.9
30.0	0.0	70.0	100.0	0.0		164.3
20.0	0.0	80.0	100.0	0.0		107.0
10.0	0.0	90.0	100.0	0.0		49.8
0.0	0.0	100.0	0.0	0.0		0.0

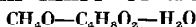
$$\lg \gamma_1 = 0.0619x_2^2 + 0.8113x_3^2 + 0.2310x_2^3 - 0.7804x_3^3 + 1.3750x_2x_3 - 0.3427x_2^2 - 1.5739x_2x_3^2,$$

$$\lg \gamma_2 = 0.4085x_1^2 - 0.5998x_3^2 - 0.2310x_1^3 + 0.4934x_3^3 - 0.2154x_1x_3 - 1.0358x_1^2x_3 + 0.1959x_1x_3^2.$$

№ 1914

МЕТИЛОВЫЙ СПИРТ—ЭТИЛАЦЕТАТ—ВОДА

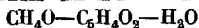
[315]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метиловый спирт	этилацетат	вода	метиловый спирт	этилацетат	вода	метиловый спирт	этилацетат	вода		
2.1	94.2	3.7	5.7	85.0	9.3	1.941	1.009	2.303	760	
5.8	90.1	4.1	14.6	77.7	7.7	1.920	1.022	5.595		71.9
6.1	91.1	2.8	17.1	77.8	5.1	2.101	0.993	5.311		72.4
6.4	87.4	6.2	15.2	70.9	13.9	1.763	1.041	7.400		69.5
6.7	83.8	9.5	14.6	69.0	16.4	1.768	1.031	5.529		70.2
6.7	84.3	9.0	9.9	69.4	20.7	1.226	1.052	7.553		69.6
8.2	86.7	5.1	18.8	71.6	9.6	1.835	1.021	5.808		70.6
11.5	68.9	19.6	19.4	60.4	20.2	1.497	1.192	3.662		67.8
11.9	70.6	17.5	20.4	59.0	20.6	1.498	1.119	4.111		68.2
12.0	73.4	14.6	22.8	61.8	15.4	1.692	1.159	3.760		67.7
12.1	74.3	13.6	21.9	61.7	16.4	1.611	1.033	4.299		67.7
12.2	83.3	4.5	26.0	68.1	5.9	1.781	1.052	4.250		69.4
13.1	55.4	31.5	18.3	57.2	24.5	1.235	1.399	2.751		67.9
13.9	0.5	85.6	43.1	17.2	39.7	1.779	31.55	0.990		80.0
15.8	1.4	82.8	52.6	4.7	42.7	1.787	2.896	1.014		82.0
19.6	72.6	7.8	30.2	59.6	10.2	1.414	1.152	4.832		66.9
20.4	52.8	26.8	29.0	52.2	18.8	1.206	1.377	2.854		67.1
21.6	37.6	40.8	26.9	51.9	21.2	1.117	1.806	1.868		67.5
21.9	56.2	21.9	28.9	52.0	19.1	1.215	1.333	3.235		66.8
22.0	38.7	39.3	23.5	54.7	21.8	0.962	1.949	2.003		67.4
24.8	1.1	74.1	53.6	15.5	30.9	1.424	14.65	1.044		76.0
25.4	29.7	44.9	30.1	48.1	21.8	1.067	2.233	1.753		67.4
26.0	43.0	31.0	31.2	49.0	19.8	1.105	1.604	2.374		66.8

Таблица № 1914 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилловый спирт	этилацетат	вода	метилловый спирт	этилацетат	вода	метилловый спирт	этилацетат	вода		
26.2	0.4	73.4	61.4	6.2	32.4	1.471	15.41	1.047	74.4	760
28.7	35.7	35.6	33.3	46.1	20.6	1.068	1.818	1.873	66.8	
28.9	13.8	57.3	35.6	41.9	22.5	1.083	4.075	1.375	68.1	
29.4	6.5	64.1	41.3	34.9	23.8	1.174	6.907	1.230	69.4	
29.7	42.2	28.1	35.0	46.8	18.2	1.139	1.582	2.459	66.4	
30.4	46.3	23.3	37.9	48.2	13.9	1.235	1.399	2.751	66.2	
30.6	63.2	6.2	42.9	51.4	5.7	1.369	1.205	3.588	65.3	
31.3	32.5	36.2	36.1	44.1	19.8	1.080	1.910	2.029	66.8	
32.4	21.8	45.8	37.4	42.1	20.5	1.043	2.672	1.624	67.3	
32.8	18.0	49.2	38.3	41.1	20.0	1.048	3.130	1.500	67.5	
32.9	28.8	38.3	37.1	42.9	20.0	1.032	2.089	1.919	66.9	
32.9	59.3	7.8	44.5	48.1	7.4	1.788	1.219	3.829	64.9	
33.0	1.9	65.1	57.2	17.3	25.5	1.267	10.38	1.105	73.1	
35.7	0.9	63.4	65.4	8.0	26.6	1.268	99.76	1.113	74.6	
36.8	13.7	49.5	43.4	35.7	20.9	1.050	3.557	1.509	67.7	
37.8	44.4	17.8	45.7	43.5	10.8	1.185	1.452	2.415	65.3	
38.1	20.8	41.1	42.7	38.2	19.1	1.025	2.567	1.709	67.0	
38.5	5.9	55.6	52.2	26.4	21.4	1.129	5.739	1.270	69.5	
38.8	8.7	52.5	48.8	30.9	20.3	1.083	4.696	1.327	68.6	
40.5	27.5	32.0	44.5	39.4	16.1	1.040	2.060	1.799	66.1	
41.9	3.1	55.0	61.3	17.5	21.2	1.149	6.868	1.188	71.1	
42.5	13.8	43.7	48.6	32.9	18.5	1.030	3.287	1.534	67.4	
43.8	22.1	34.1	48.0	30.1	15.9	1.033	2.347	1.777	66.2	
47.1	6.8	46.1	58.0	23.7	18.3	1.056	4.592	1.364	68.7	
48.7	1.5	49.8	71.4	8.3	20.3	1.122	6.577	1.220	71.8	
51.4	25.6	23.0	54.4	33.9	11.7	1.042	1.969	2.026	65.2	
52.4	5.0	42.6	65.4	17.9	16.7	1.055	4.650	1.324	69.1	
52.8	9.7	37.5	59.4	25.0	15.6	1.013	3.554	1.503	67.4	
53.3	8.0	38.7	62.2	22.2	15.6	1.039	3.787	1.446	67.7	
54.7	36.7	8.6	59.5	35.7	4.8	1.126	1.525	2.378	63.7	
55.2	10.6	34.2	60.5	24.5	15.0	0.998	3.220	1.616	67.1	
57.0	2.1	40.9	73.5	8.4	18.1	1.051	5.027	1.428	70.1	
58.9	6.3	34.8	68.0	17.3	14.7	1.009	3.734	1.447	67.8	
60.8	28.4	10.8	62.1	31.6	6.3	1.056	1.738	2.435	63.8	
62.6	12.6	24.8	65.9	23.8	10.3	1.004	2.737	1.604	65.9	
63.9	28.8	7.3	65.6	30.4	4.0	1.086	1.085	2.389	63.2	
66.6	8.3	25.1	72.0	18.4	9.6	1.116	3.120	1.070	66.4	
67.0	2.8	30.2	79.7	8.2	12.1	1.046	3.931	1.417	68.1	
69.7	17.8	12.5	68.1	26.1	5.8	1.006	2.283	1.960	63.0	
70.7	21.1	8.2	70.8	25.8	3.4	1.056	1.935	1.844	63.3	
78.3	13.6	8.1	76.9	19.6	3.5	1.019	2.259	1.841	63.7	
83.0	4.7	12.3	85.8	8.8	5.4	1.001	2.756	1.725	65.5	



Состав жидкости, вес. %			Состав пара, вес. %			t	P
МЕТИЛОВЫЙ СПИРТ	ФУРФУРОЛ	вода	МЕТИЛОВЫЙ СПИРТ	ФУРФУРОЛ	вода		
0.10	7.20	92.70	2.50	28.60	68.90	Нет данных	755
0.30	1.40	98.30	6.55	12.62	80.83		
0.40	1.10	98.50	2.80	5.90	91.30		
0.75	98.90	0.35	20.70	33.80	45.50		
1.50	93.70	4.80	28.90	28.00	43.10		
3.00	8.00	89.00	17.00	24.50	58.50		
3.00	34.00	63.00	13.20	29.50	57.30		
3.00	75.00	22.00	20.20	25.40	54.40		
3.40	93.30	3.30	59.00	11.25	29.75		
5.00	5.00	90.00	22.60	15.10	62.30		
5.00	33.40	61.60	25.50	26.50	48.00		
5.00	65.00	30.00	37.10	31.90	31.00		
5.00	90.00	5.00	58.60	10.80	30.60		
7.00	7.00	86.00	28.88	19.28	51.84		
8.00	80.40	11.60	54.70	12.70	32.60		
9.40	37.62	52.98	37.20	17.60	45.20		
10.00	5.00	85.00	43.75	11.67	44.58		
10.00	80.00	10.00	65.10	8.80	26.10		
15.00	30.00	55.00	50.90	13.70	35.40		
15.00	50.00	35.00	52.00	13.00	35.00		
15.00	65.00	20.00	65.60	9.20	25.20		
15.00	70.00	15.00	68.00	7.10	24.90		
20.00	35.00	45.00	60.30	10.00	29.70		
20.00	55.00	25.00	67.45	7.50	25.05		
20.00	75.00	5.00	83.40	4.35	12.25		
25.00	26.50	48.50	66.00	8.10	25.90		
25.00	60.00	15.00	77.50	4.80	17.70		
27.30	45.60	27.10	73.90	5.74	20.36		
30.00	65.00	5.00	86.50	5.15	8.35		
33.00	60.90	6.10	87.80	5.17	7.03		
35.00	35.00	30.00	75.90	4.70	19.40		
36.20	58.00	5.80	86.20	6.00	7.80		
38.30	21.70	40.00	77.80	5.10	17.10		
40.40	18.20	41.40	77.30	3.80	18.90		
42.70	19.00	38.30	79.00	4.00	17.00		
47.00	6.00	47.00	81.40	2.30	16.30		
55.00	15.80	29.20	84.20	1.60	14.20		
71.70	21.60	6.70	95.00	3.00	2.00		
85.00	5.10	9.90	97.25	0.43	2.32		
92.50	2.30	5.20	98.13	0.19	1.68		
95.00	1.70	3.30	99.72	0.13	0.15		
0.20	0.30	99.50	1.30	1.50	97.20	300	
0.50	70.00	29.50	1.47	32.30	66.23		
1.00	19.00	80.00	2.90	31.00	66.10		
2.00	68.00	30.00	5.30	30.00	64.70		
2.70	94.00	3.30	44.60	24.95	30.45		
3.00	20.00	77.00	8.40	28.00	63.60		
5.00	70.00	25.00	22.40	22.50	50.10		

Таблица № 1915 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
метилловый спирт	фурфурол	вода	метилловый спирт	фурфурол	вода		
6.60	87.40	6.00	59.60	15.15	25.25	Нет данных	300
7.00	2.00	91.00	38.50	5.70	45.80		
8.00	40.00	52.00	26.50	24.00	49.50		
8.00	89.00	3.00	64.80	14.10	21.10		
12.50	70.00	17.50	53.70	12.75	33.55		
15.00	78.00	7.00	69.90	9.80	20.30		
18.00	5.00	77.00	54.75	9.45	35.80		
18.00	50.00	32.00	49.75	12.44	37.81		
19.20	2.80	78.00	56.10	4.70	39.20		
20.00	25.00	55.00	53.10	13.50	33.40		
21.50	56.00	22.50	61.50	11.30	27.20		
23.00	69.00	8.00	75.24	8.70	16.06		
23.00	75.00	2.00	81.60	8.20	10.20		
24.00	60.00	16.00	69.22	10.00	20.78		
25.00	19.00	56.00	65.00	4.70	30.30		
25.30	20.10	54.60	60.30	8.40	31.30		
30.00	45.00	25.00	67.00	8.90	24.10		
35.00	3.00	62.00	73.70	2.15	24.15		
35.00	27.00	38.00	70.80	7.80	21.40		
35.00	45.00	20.00	72.80	7.80	19.40		
40.00	55.00	5.00	85.65	4.20	10.15		
44.00	55.00	1.00	90.50	4.00	5.50		
45.00	15.00	40.00	77.30	8.00	14.70		
46.40	37.80	15.80	82.15	5.34	12.51		
52.00	39.00	9.00	86.25	4.90	8.85		
53.00	45.00	2.00	91.80	3.25	4.95		
58.80	5.70	35.50	84.10	2.40	13.50		
67.00	28.00	5.00	92.40	1.60	6.00		
71.00	9.60	19.20	89.20	2.20	8.60		
80.00	9.00	11.00	93.50	1.40	5.10		

№ 1916

[55]

МЕТИЛОВЫЙ СПИРТ—ВОДА—БЕНЗОЙНАЯ КИСЛОТА
 $\text{CH}_3\text{O—H}_2\text{O—C}_7\text{H}_6\text{O}_2$

Состав жидкости, вес. %			Состав пара, вес. %			t	P
метилловый спирт	вода	бензойная кислота	метилловый спирт	вода	бензойная кислота		
25.0	75.0	0.0	69.4	30.6	0.0	Нет данных	760
50.0	50.0	0.0	81.9	18.1	0.0		
75.0	25.0	0.0	90.7	9.3	0.0		
40.0	0.0	60.0	99.87	0.0	0.13		
50.0	0.0	50.0	99.89	0.0	0.11		
60.0	0.0	40.0	99.93	0.0	0.07		
80.0	0.0	20.0	99.97	0.0	0.03		

Таблица № 1916 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
метиловый спирт	вода	бензойная кислота	метиловый спирт	вода	бензойная кислота		
0.0	29.5	70.5	0.0	98.78	1.22	Пет данных	760
0.0	85.9	14.1	0.0	98.78	1.22		
0.0	90.0	10.0	0.0	99.08	0.92		
22.5	67.5	10.0	70.6	29.3	0.06		
20.0	60.0	20.0	65.8	34.0	0.15		
17.5	52.5	30.0	61.7	38.0	0.25		
15.0	45.0	40.0	56.4	43.2	0.36		
67.5	22.5	10.0	90.3	9.7	0.02		
60.0	20.0	20.0	89.3	10.7	0.04		
52.5	17.5	30.0	88.4	11.5	0.06		
45.0	15.0	40.0	88.2	11.6	0.15		
45.0	45.0	10.0	81.3	18.7	0.04		
40.0	40.0	20.0	80.4	19.5	0.05		
35.0	35.0	30.0	78.3	21.6	0.12		
30.0	30.0	40.0	74.5	25.3	0.25		
25.0	25.0	50.0	71.7	27.9	0.44		
20.0	20.0	60.0	68.8	30.7	0.47		

№ 1917

МЕТИЛОВЫЙ СПИРТ—ВОДА—n-КСИЛОЛ

[549]



Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			органический слой			метиловый спирт	вода	ксилол		
метиловый спирт	вода	ксилол	метиловый спирт	вода	ксилол					
1.26	98.71	0.034	0.66	0.58	98.76	13.07	65.52	21.41	90	760
2.41	97.56	0.034	1.30	0.58	98.12	19.31	60.58	20.11	88	
4.67	95.28	0.042	1.96	0.58	97.46	31.49	50.93	17.58	85	
5.34	94.61	0.050	2.28	0.58	97.14	36.10	47.19	16.71	84	
7.52	92.42	0.060	3.23	0.58	96.19	42.29	42.18	15.53	82	
10.63	89.32	0.054	4.48	0.57	94.95	50.15	35.87	13.98	80	
14.43	85.51	0.056	5.70	0.57	93.73	54.64	32.24	13.12	78	
23.81	76.11	0.080	7.46	1.10	91.44	61.29	26.78	11.95	75	
27.04	72.87	0.083	8.05	1.10	90.85	63.73	24.72	11.55	74	
37.32	49.00	0.100	9.21	1.09	89.70	68.50	20.78	10.72	72	
50.99	37.26	0.752	17.91	2.02	80.07	74.57	15.64	9.79	70	
60.19	24.52	2.550	26.93	5.42	67.65	78.02	12.76	9.22	69	
66.25	11.25	0.132	27.32	8.29	54.30	80.22	10.80	8.70	68	
46.6	11.6	41.8	46.6	11.6	41.8	81.5	9.9	8.6	67.9	



А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацето- нитрил	трихлор- этилен	вода	ацето- нитрил	трихлор- этилен	вода		
38.0	59.3	2.7	35.6	42.6	21.8	67.5	759
47.4	47.9	4.7	40.6	40.2	19.2	69.6	757
52.8	37.6	9.6	39.9	36.6	23.5	67.6	761
52.9	39.4	7.7	41.5	37.3	21.2	69.2	760
54.4	40.9	4.7	43.2	38.2	18.6	69.1	761
58.1	4.9	37.0	48.9	20.5	30.6	71.0	766
60.2	22.7	17.1	41.7	31.3	27.0	67.4	761
60.3	7.5	32.2	47.7	23.9	28.4	70.7	772
60.8	12.6	16.6	45.5	27.7	26.8	69.3	759
61.6	15.3	23.1	43.2	29.6	27.2	68.8	757
61.9	24.4	13.7	44.8	32.2	23.0	68.8	759
62.5	6.3	31.2	49.6	20.5	29.9	71.2	772
63.9	6.4	29.7	51.1	20.9	28.0	70.5	768
64.5	27.8	7.7	48.5	33.5	18.0	69.9	764
64.9	9.8	25.3	49.2	24.2	26.6	70.5	765
65.5	15.3	19.2	47.2	28.0	24.8	69.4	758
65.5	33.5	1.0	57.1	40.0	2.9	71.8	764
67.5	7.3	25.2	53.1	21.0	25.9	70.9	768
67.9	17.6	14.5	49.0	28.5	22.5	68.0	758
69.6	11.4	19.0	50.9	24.9	24.2	70.5	765
69.8	20.8	9.4	52.2	29.6	18.2	69.3	763
71.6	22.4	6.0	55.5	30.4	14.1	71.4	757
71.9	12.9	15.2	53.1	25.0	23.9	71.2	765
72.6	9.3	8.1	54.8	21.7	23.5	71.7	764
73.4	24.6	2.0	62.5	32.1	5.4	72.2	765
74.3	15.9	9.8	55.7	26.6	17.7	71.6	766
75.5	10.6	13.9	56.7	21.8	21.5	71.9	763
76.6	16.5	6.9	60.1	26.8	13.1	71.9	758
78.9	19.5	1.6	67.0	29.2	3.8	72.8	763
79.0	7.3	13.7	62.4	16.6	21.0	71.8	759
81.9	16.5	1.6	68.4	27.2	4.4	74.1	765
82.9	5.0	12.1	67.6	12.4	20.0	73.7	765
83.0	15.8	1.2	70.8	26.4	2.8	74.9	762
84.3	3.5	12.2	71.1	9.3	19.6	75.9	764
85.1	13.1	1.8	72.0	23.4	4.6	76.2	762
86.3	5.0	8.7	72.7	12.0	15.3	76.0	763
88.2	5.1	6.7	74.7	12.3	13.0	76.4	756
90.2	5.6	4.2	77.5	13.2	9.3	77.2	758
91.1	6.7	2.2	80.2	15.0	4.8	77.5	763
91.2	2.6	6.2	80.5	6.9	12.6	76.0	763
91.7	6.2	2.1	78.6	14.4	7.0	77.5	767
92.1	6.7	1.2	81.8	15.3	2.9	77.5	758
92.7	6.2	1.1	82.8	14.3	2.9	77.2	759
93.4	3.1	3.5	84.0	9.1	6.9	79.6	774
95.1	2.4	2.5	87.9	6.4	5.7	80.1	774
96.7	2.0	1.3	91.9	5.0	3.1	80.3	769

Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			органический слой			ацетонитрил	трихлорэтилен	вода		
ацетонитрил	трихлорэтилен	вода	ацетонитрил	трихлорэтилен	вода					
4.7	0.1	95.2	17.6	81.1	1.3	25.0	47.0	28.0	69.3	769
8.2	0.1	91.7	30.3	67.0	2.7	31.5	41.7	26.8	68.2	769
10.2	0.2	89.6	44.3	49.5	6.2	36.8	38.7	24.5	67.5	761
10.2	0.2	89.6	43.0	51.1	5.9	35.4	39.3	25.3	67.5	775
12.0	0.2	87.8	52.0	38.3	9.7	37.6	36.0	26.4	67.7	758
13.8	0.25	85.95	55.9	32.2	11.9	39.2	35.2	25.6	67.4	762
15.1	0.3	84.6	59.5	24.0	16.5	40.7	33.6	25.7	67.7	762
16.8	0.35	82.85	60.0	20.2	10.8	41.8	33.0	25.2	68.2	764
20.5	0.55	78.95	58.6	14.6	26.8	42.6	31.3	26.1	69.0	761
23.4	0.93	75.67	53.2	8.8	38.0	43.3	29.8	26.9	69.5	760
27.0	1.6	71.4	42.3	5.2	52.5	44.0	29.2	26.8	69.0	763

№ 1919 ТРИХЛОРЭТИЛЕН—ВОДА—УКСУСНАЯ КИСЛОТА [1012]
 $C_2HCl_3-H_2O-C_2H_4O_2$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
трихлорэтилен	вода	уксусная кислота	трихлорэтилен	вода	уксусная кислота		
2.47	1.03	96.5	13.84	5.76	80.4	Нет данных	750
3.46	1.44	95.1	16.31	6.79	76.9		
9.04	3.76	87.2	33.46	13.04	52.6		
12.38	5.02	82.6	38.12	15.88	46.0		
15.11	6.29	78.6	42.85	17.85	39.3		
23.51	9.79	66.7	50.82	21.18	28.0		
31.06	12.94	56.0	55.27	23.03	21.7		
39.82	16.58	43.6	58.24	24.26	17.5		
48.21	20.09	31.7	61.48	25.62	12.9		
56.97	23.73	19.3	63.11	26.29	10.6		
59.54	24.79	15.7	64.45	26.85	8.7		
64.17	26.73	9.1	66.78	27.82	5.4		



А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
алкиловый спирт	вода	трихлор-этилен	алкиловый спирт	вода	трихлор-этилен		
38.0	60.0	2.0	30.4	47.1	22.5	84.0	760
38.1	16.7	45.2	19.1	28.2	52.7	73.6	
41.2	19.0	39.8	19.0	28.8	52.2	74.4	
43.5	14.0	42.5	22.2	25.0	52.8	75.5	
45.8	35.3	18.9	18.4	30.7	50.9	74.5	
47.3	36.6	16.1	20.7	32.0	47.3	75.8	
47.8	48.1	4.1	31.0	43.0	26.0	81.0	
48.8	30.7	20.5	18.6	28.5	52.9	74.6	
50.0	42.0	8.0	27.0	35.4	37.6	79.2	
50.0	47.5	2.5	32.2	47.2	20.6	84.5	
51.6	26.5	21.9	20.3	30.1	49.6	76.0	
56.0	20.8	23.2	22.1	26.8	51.1	77.0	
60.0	35.0	5.0	37.3	38.8	23.9	83.0	
62.5	5.2	32.3	37.6	9.8	52.6	81.3	
76.4	9.7	13.9	45.0	14.7	40.3	85.1	
77.4	17.4	5.2	48.0	26.8	25.2	87.0	
79.7	15.9	4.4	57.3	27.8	14.9	88.6	
80.0	17.8	2.2	52.4	36.3	11.3	88.0	
82.4	2.8	14.8	58.2	5.6	36.2	86.6	
83.2	13.3	3.5	58.8	25.9	15.3	89.5	
85.1	4.4	10.5	58.4	8.3	33.3	88.5	
87.2	10.0	2.8	65.5	18.5	16.0	90.5	
90.7	5.2	4.1	73.6	10.6	15.8	91.0	
91.2	3.26	5.54	69.2	8.4	22.4	90.0	

Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			органический слой			аллиловый спирт	вода	трихлорэтилен		
аллиловый спирт	вода	трихлорэтилен	аллиловый спирт	вода	трихлорэтилен					
5.0	94.8	0.2	13.0	2.0	85.0	12.5	30.8	56.7	71.6	760
6.6	93.2	0.2	21.0	7.0	72.0	14.1	29.6	56.2	72.0	
7.7	91.9	0.4	26.0	10.0	64.0	14.3	31.1	54.6	72.0	
9.6	89.9	0.5	35.0	16.0	49.0	15.6	27.2	57.2	72.1	
9.8	89.7	0.5	36.0	18.0	46.0	14.0	31.0	55.0	72.1	
16.9	81.2	0.9	34.7	50.5	14.8	18.0	28.9	53.1	72.8	

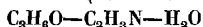
В. СРЕДНИЕ ДАННЫЕ

Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
аллиловый спирт	вода	трихлор-этилен	аллиловый спирт	вода	трихлор-этилен		
40.0	5.0	55.0	24.1	17.4	58.5	75.8	760
40.0	10.0	50.0	20.7	23.4	55.9	74.4	
40.0	20.0	40.0	16.5	28.3	55.2	73.5	
40.0	30.0	30.0	15.4	29.0	55.6	73.2	
40.0	40.0	20.0	16.4	30.5	53.1	73.3	
40.0	50.0	10.0	21.7	33.7	44.6	75.6	
40.0	55.0	5.0	27.0	38.0	35.0	78.7	
50.0	5.0	45.0	27.4	15.0	57.6	77.0	
50.0	10.0	40.0	24.0	21.2	54.8	76.3	
50.0	20.0	30.0	20.0	26.8	53.2	75.6	
50.0	30.0	20.0	20.2	29.6	50.2	76.0	
50.0	40.0	10.0	25.8	33.9	40.3	78.2	
50.0	45.0	5.0	31.6	38.4	30.0	80.7	
60.0	4.0	36.0	32.7	11.0	56.3	79.4	
60.0	8.0	32.0	29.6	16.5	53.9	78.5	
60.0	12.0	28.0	27.8	21.3	50.9	78.3	
60.0	16.0	24.0	26.2	24.3	49.5	78.4	
60.0	12.0	28.0	27.8	21.3	50.9	78.3	
60.0	16.0	24.0	26.2	24.3	49.5	78.4	
60.0	20.0	20.0	25.1	26.8	48.1	78.8	
60.0	24.0	16.0	26.9	28.8	44.3	79.0	
60.0	28.0	12.0	29.6	29.8	40.6	79.9	
60.0	38.0	2.0	32.7	34.0	33.3	80.8	
60.0	36.0	4.0	34.0	38.5	27.5	83.7	
80.0	4.0	16.0	51.2	8.8	40.0	86.0	
80.0	8.0	12.0	49.6	15.9	34.5	86.8	
80.0	12.0	8.0	51.1	21.1	27.5	87.5	
80.0	16.0	4.0	56.8	27.0	16.2	88.2	
90.0	2.0	8.0	70.7	4.7	24.6	90.6	
90.0	4.0	6.0	71.3	9.1	19.6	91.6	
90.0	6.0	4.0	72.1	13.3	14.6	91.9	
90.0	8.0	2.0	75.3	16.8	7.9	92.3	

№ 1921

АЦЕТОН—АЦЕТОНИТРИЛ—ВОДА

[866]



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
ацетон	ацетони-трил	вода	ацетон	ацетони-трил	вода		
0.246	1.68	98.074	6.36	19.6	74.04	92.2	759
0.433	5.07	94.497	8.05	39.55	52.40	84.8	762
0.84	10.5	98.66	7.51	48.2	44.29	78.7	757
1.36	2.41	96.23	23.3	19.7	57.0	84.0	748
1.37	19.6	79.03	7.55	54.4	38.05	76.8	762

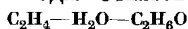
Таблица № 1921 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	ацетони-трил	вода	ацетон	ацетони-трил	вода		
1.92	28.6	69.48	7.56	56.2	36.24	76.6	749
1.98	68.1	29.92	3.54	66.8	29.66	76.8	770
2.00	2.84	95.16	31.4	20.1	48.5	80.0	760
2.58	41.9	55.52	7.04	57.0	35.96	76.2	759
3.64	66.1	30.26	7.21	63.6	29.19	75.4	755
4.29	88.34	7.37	8.01	79.1	12.89	77.6	762
6.08	5.82	88.10	44.5	21.9	33.6	73.2	760
8.1	64.2	27.7	14.3	57.5	28.2	74.2	767
8.90	74.3	16.8	15.6	61.3	23.1	75.0	762
9.61	81.9	8.49	17.2	68.5	14.3	75.5	765
11.1	61.1	27.8	18.7	54.2	27.1	73.0	764
13.9	72.7	13.4	23.8	58.8	17.4	73.0	749
14.4	4.55	81.05	62.8	10.6	26.6	67.9	764
16.2	5.40	78.4	62.4	10.48	27.12	66.0	771
18.3	14.1	67.6	51.7	20.9	27.4	68.4	763
19.6	54.2	26.2	31.6	43.3	25.1	71.2	762
20.0	64.0	16.0	33.4	49.2	17.4	71.2	760
26.8	50.1	23.1	41.7	36.8	21.5	68.6	763
28.4	56.4	15.2	43.6	40.7	15.7	69.6	760
32.1	18.7	49.2	60.7	17.4	21.9	65.4	762
33.8	45.2	21.0	50.0	32.1	17.9	67.6	771
34.2	46.9	18.9	50.8	32.9	16.3	67.5	762
35.8	9.18	55.02	71.1	8.9	20.0	63.2	770
44.8	34.2	21.0	61.5	22.6	15.9	65.0	769
49.0	26.4	24.6	66.6	17.5	15.9	64.3	769

№ 1922

ЭТИЛЕН—ВОДА—ЭТИЛОВЫЙ СПИРТ

[281]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этилен	вода	этиловый спирт	этилен	вода	этиловый спирт		
0.095	99.905	0	55.0	45.0	0	200	30
0.150	99.850	0	65.0	35.0	0		40
0.210	99.790	0	72.0	28.0	0		50
0.265	99.735	0	76.0	24.0	0		60
0.370	99.630	0	81.0	19.0	0		80
0.475	99.525	0	85.0	15.0	0		100
0.575	99.425	0	87.0	13.0	0		120
0.655	99.345	0	88.0	12.0	0		140
0.732	99.268	0	90.0	10.0	0		160
0.23	97.48	2.29	61.5	34.0	4.5		50
0.29	97.42	2.29	67.0	29.1	3.9		60
0.39	97.32	2.29	74.0	22.8	3.2		80
0.48	97.23	2.29	78.5	18.7	2.8		100
0.56	97.16	2.28	82.0	15.4	2.6		120

Таблица № 1922 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
этилен	вода	этиловый спирт	этилен	вода	этиловый спирт		
0.64	97.08	2.28	84.0	13.5	2.5	200	140
0.70	97.02	2.28	86.0	11.5	2.5		160
0.40	93.81	6.09	33.0	54.8	12.2		30
0.20	93.72	6.08	45.0	45.3	9.7		40
0.30	93.62	6.08	54.0	38.0	8.0		50
0.40	93.53	6.07	61.0	32.2	6.8		60
0.58	93.36	6.06	70.0	24.9	5.1		80
0.75	93.20	6.05	71.5	24.5	4.0		100
0.90	93.06	6.04	79.0	17.8	3.2		120
1.03	92.93	6.04	81.0	16.3	2.7		140
1.16	92.81	6.03	82.0	15.7	2.3		160
0.10	89.41	10.49	31.0	48.7	20.3		30
0.20	89.32	10.48	31.0	39.0	10.0		40
0.32	89.22	10.46	60.5	31.1	8.4		50
0.44	89.11	10.45	65.0	27.6	7.4		60
0.66	88.91	10.43	70.5	23.7	5.8		80
0.88	88.72	10.40	74.0	21.0	5.0		100
1.12	88.50	10.38	76.0	19.6	4.4		120
1.34	88.30	10.36	77.5	18.5	4.0		140
1.56	88.10	10.34	79.0	17.8	3.8		160
0.50	78.11	21.39	27.5	52.9	19.6		30
0.60	78.03	21.37	42.6	42.5	15.0		40
1.00	77.72	21.28	53.0	34.0	13.0		50
1.50	77.32	21.18	58.5	30.0	11.5		60
2.00	76.92	21.08	65.5	24.7	9.8		80
2.80	76.29	20.91	70.0	21.4	8.6		100
3.00	76.13	20.87	72.5	19.5	8.0		120
4.20	75.17	20.63	74.0	18.2	7.8		140
4.55	74.89	20.56	75.0	17.4	7.6		160
—	0	—	5.0	0	95.0	250	30
3.0	0	97.0	20.0	0	80.0		40
7.0	0	93.0	27.0	0	73.0		50
9.0	0	91.0	32.0	0	68.0		60
16.0	0	84.0	40.0	0	60.0		80
70.0	0	30.0	70.0	0	30.0		100
0.16	99.84	0	32.0	68.0	0		60
0.33	99.67	0	48.0	52.0	0		80
0.53	99.47	0	58.0	42.0	0		100
0.79	99.21	0	65.0	35.0	0		120
1.09	98.91	0	69.0	31.0	0		140
1.40	98.60	0	73.0	27.0	0		160
0.57	97.14	2.29	24.0	68.2	7.8		50
0.91	96.81	2.28	38.5	55.5	6.0		60
1.61	96.13	2.26	51.5	44.4	4.1		80
—	—	—	59.5	37.2	3.3		100
0.08	93.82	6.10	7.0	78.9	14.1		50
0.26	93.66	6.08	21.0	66.8	12.2		60
0.59	93.35	6.06	36.0	54.4	9.6		80
0.86	93.09	6.05	45.0	47.7	7.7		100

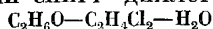
Таблица № 1922 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этилен	вода	этиловый спирт	этилен	вода	этиловый спирт		
1.09	92.88	6.03	52.0	41.8	6.2	250	120
1.28	92.70	6.02	58.0	37.0	5.0		140
1.45	92.54	6.01	65.0	31.1	3.9		160
0.22	89.31	10.47	8.0	74.3	17.7		60
0.61	88.95	10.44	23.5	63.7	12.8		80
0.98	88.62	10.40	35.5	54.4	10.1		100
1.30	88.34	10.36	45.0	46.7	8.3		120
1.58	88.09	10.33	52.5	40.6	6.9		140
1.82	87.87	10.31	58.0	36.3	5.7		160
0.70	77.95	21.35	16.0	63.0	21.0		80
1.20	77.56	21.24	25.3	57.6	16.9		100
2.00	76.92	21.08	33.0	51.6	15.1		120
3.00	76.13	20.87	38.3	47.0	14.5		140
4.50	74.93	20.57	42.5	43.7	13.8		160
0.26	99.74	0	16.0	84.0	0	300	100
0.59	99.41	0	32.0	68.0	0		120
0.92	99.08	0	45.0	55.0	0		140
—	—	0	50.0	50.0	0		150
—	—	0	55.0	45.0	0		160
0.66	97.06	2.28	15.0	74.0	11.0		120
—	—	—	19.0	71.8	9.2		130
0.96	96.76	2.28	22.0	69.7	8.3		140
—	—	—	25.0	67.4	7.6		150
—	—	—	27.0	66.1	6.9		160
—	—	—	29.0	64.7	6.3		170
—	—	—	5.9	89.0	5.1		100
—	—	—	17.0	78.2	4.8		110
0.50	93.43	6.07	25.5	70.2	4.3		120
1.00	92.96	6.04	37.5	59.0	3.5		140
—	—	—	50.0	47.5	2.3		160
0.12	89.40	10.48	0.30	81.5	15.5		120
0.36	89.18	10.46	7.5	80.9	11.6		130
0.60	88.96	10.44	12.5	78.5	9.0		140
—	—	—	17.5	75.5	7.0		150
—	—	—	22.5	71.5	6.0		160
—	—	—	27.0	68.0	5.0		170

№ 1923

ЭТИЛОВЫЙ СПИРТ—ДИХЛОРЕТАН—ВОДА

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ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	дихлор-этан	вода	этиловый спирт	дихлор-этан	вода		
3.2	95.7	1.1	11.2	87.0	1.8	40	174.0
5.2	93.5	1.3	17.9	77.8	4.3		186.6
13.7	84.8	1.5	27.7	62.5	9.8		215.6
18.3	78.1	3.6	29.7	59.9	10.4		222.3

Таблица № 1923 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	дихлор-этан	вода	этиловый спирт	дихлор-этан	вода		
31.6	62.8	5.6	32.2	56.5	11.3	40	228.2
37.5	55.3	7.2	33.2	55.2	11.6		228.1
45.7	45.9	8.4	35.4	51.7	13.2		225.9
55.6	35.7	8.7	36.3	50.3	13.4		223.5
66.2	24.4	9.4	39.4	47.2	13.4		214.2
73.9	15.1	11.0	48.0	44.2	7.8		198.8
80.1	10.4	9.5	56.3	34.5	9.2		183.2
83.0	6.0	11.0	64.9	25.1	10.0		164.9
84.9	3.8	11.3	76.5	16.5	7.0		151.9
85.8	2.0	12.2	84.6	7.7	7.7		141.9
36.6	43.1	20.3	28.3	55.0	16.7		237.5
39.8	39.3	20.9	27.1	53.5	19.4		237.0
46.5	30.5	23.0	28.9	50.9	20.2		232.8
54.2	19.8	26.0	31.2	48.6	20.2		223.4
60.1	10.8	29.1	37.6	43.0	19.4		202.0
61.5	7.1	31.4	41.3	38.2	20.5		187.4
63.5	5.0	31.5	47.6	31.3	21.1		173.5
62.9	4.0	33.1	50.7	32.4	16.9		168.5
65.9	2.2	31.9	59.8	17.2	23.0		150.7
46.0	15.2	38.8	26.7	54.1	19.2		228.1
48.5	10.3	41.2	—	—	—		213.9
49.1	9.4	41.5	32.5	46.9	20.6		210.2
49.5	7.0	43.5	37.2	45.1	17.7		200.1
50.4	5.8	43.8	38.2	43.3	18.5		190.4
51.0	3.8	45.2	43.3	37.3	19.4		175.1
51.8	1.5	46.7	53.4	20.7	25.9		148.5
52.0	0.3	47.7	60.4	8.1	31.5		132.5
37.5	11.2	51.3	24.4	54.2	21.4		234.3
39.6	7.4	53.0	29.3	50.0	20.7		217.2
40.5	5.3	54.2	33.2	44.9	21.9		204.0
40.8	3.0	56.2	40.7	35.2	24.1		182.1
3.7	95.0	1.3	12.1	85.9	2.0	50	266.0
5.2	93.2	1.6	18.7	76.6	4.7		287.3
13.0	85.0	2.0	28.3	61.2	10.5		331.0
19.8	76.4	3.8	31.7	57.1	11.2		344.0
32.8	61.2	6.0	33.8	53.4	12.8		352.6
36.0	52.6	11.4	35.7	52.5	11.8		353.8
50.5	41.1	8.4	36.9	49.1	14.0		351.4
54.3	38.2	7.5	38.0	48.7	13.3		350.0
63.9	26.5	9.6	41.4	44.9	13.7		337.4
67.7	22.1	10.2	46.6	40.4	13.0		321.8
73.7	15.9	10.4	55.7	34.7	9.6		299.4
81.9	7.0	11.1	64.0	25.0	11.0		273.3
84.6	4.1	11.3	79.3	13.0	7.7		253.7
85.5	2.3	12.2	83.9	8.3	7.8		236.5
31.5	51.1	17.4	28.3	55.1	16.6		369.5
36.2	43.6	20.2	27.3	50.8	21.9		368.6
39.6	40.5	19.9	29.0	49.9	21.1		366.8
43.9	33.6	22.5	30.1	49.0	20.9		363.3

Таблица № 1923 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	дихлор-этан	вода	этиловый спирт	дихлор-этан	вода		
50.6	22.1	27.3	32.8	45.8	21.4	50	325.5
57.8	13.3	28.9	39.6	40.5	19.9		326.9
59.7	9.2	31.1	41.7	36.6	21.7		340.6
63.0	6.4	30.6	46.7	32.4	20.9		288.1
62.2	5.2	32.6	51.2	32.0	16.8		283.8
64.8	2.7	32.5	58.9	18.9	22.2		252.3
43.9	19.5	36.6	28.3	52.2	19.5		360.1
46.7	13.7	39.6	—	—	—		347.1
48.4	12.2	39.7	32.8	47.5	19.7		340.8
48.6	8.9	42.5	35.8	46.1	18.1		326.8
49.1	7.9	43.0	39.0	41.9	19.1		317.8
50.7	4.9	44.4	42.3	36.1	21.6		291.8
52.6	1.9	45.5	53.3	21.1	25.6		252.8
53.6	0.5	45.9	60.4	9.1	30.5		226.7
36.7	13.1	50.2	25.7	53.4	20.9		366.2
39.5	7.6	52.9	31.5	44.7	23.8		336.4
40.8	5.1	54.1	35.9	40.7	23.4		315.2
41.2	2.9	55.9	41.8	30.0	28.2		277.6
3.7	95.0	1.3	13.5	84.3	2.2	60	303.7
5.3	93.4	1.3	20.0	75.3	4.7		425.0
12.1	85.9	2.0	30.0	59.3	10.7		492.4
19.8	76.4	3.8	32.9	55.7	11.4		512.9
29.3	63.9	6.8	33.6	53.8	12.6		531.3
37.5	51.8	10.7	37.0	50.5	12.5		533.3
48.6	41.6	9.8	38.7	47.6	13.7		531.2
52.4	40.0	7.6	39.6	46.6	13.8		529.2
61.2	28.2	10.6	42.5	43.1	14.4		517.0
69.4	18.9	11.7	48.7	40.3	11.0		494.2
75.5	13.4	11.1	56.8	33.1	10.1		467.7
79.4	8.6	12.0	63.3	26.1	10.6		440.0
83.3	4.5	12.2	74.4	17.4	8.2		404.6
86.1	2.2	11.7	82.9	9.3	7.8		378.0
31.1	51.7	17.2	30.2	53.4	16.4		556.8
35.3	43.7	21.0	28.5	50.2	21.3		555.4
39.1	41.5	19.4	29.5	47.9	22.6		553.2
43.5	34.3	22.2	31.1	47.3	21.6		548.6
51.2	24.8	24.0	32.8	45.1	22.1		537.9
56.8	14.7	28.5	39.9	39.7	20.4		505.1
58.9	11.0	30.1	43.5	34.3	22.2		485.4
62.0	7.1	30.9	46.3	33.4	20.3		455.1
61.5	6.5	32.0	50.6	30.4	19.0		450.0
64.5	3.1	32.4	58.7	19.1	22.2		404.5
42.9	20.7	36.4	29.7	50.5	19.8		545.8
45.7	16.1	38.2	—	—	—		532.4
40.9	14.2	38.9	32.4	46.4	21.2		524.5
47.8	11.5	40.7	35.5	42.9	21.6		510.2
48.7	9.6	41.7	37.6	41.7	20.7		498.7
49.8	6.3	43.9	42.1	34.3	23.6		466.5
52.5	2.6	44.9	53.4	20.9	25.7		408.1

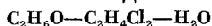
Таблица № 1923 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	дихлорэтан	вода	этиловый спирт	дихлорэтан	вода		
54.1	1.0	44.9	58.3	9.5	32.2	60	367.3
34.8	16.8	48.4	27.3	52.8	19.9		555.2
37.3	8.3	54.4	32.0	41.7	26.3		508.0
39.9	6.0	54.1	36.1	39.5	24.4		491.0
40.3	2.7	57.0	43.9	25.7	30.4		422.4

№ 1924

ЭТИЛОВЫЙ СПИРТ—ДИХЛОРЕТАН—ВОДА

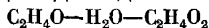
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Г Е Т Е Р О Г Е Н Н А Я О Б Л А С Т Ь

Состав жидкости, мол. %						Состав пара, мол. %			t	P
верхний слой			нижний слой			этиловый спирт	дихлорэтан	вода		
этиловый спирт	дихлорэтан	вода	этиловый спирт	дихлорэтан	вода					
0.0	0.18	99.82	0.0	98.96	1.04	0.0	73.7	26.3	40	209.4
4.3	0.2	95.5	3.3	95.6	1.1	8.4	69.5	22.1		225.0
8.0	0.3	91.7	6.5	91.0	2.5	14.3	64.3	21.4		234.4
10.1	0.4	89.5	8.9	87.7	3.4	16.7	60.0	23.3		238.8
13.5	0.8	85.7	14.1	79.8	6.1	20.3	60.8	18.9		241.4
16.1	1.2	82.7	15.6	77.4	7.0	19.8	59.2	21.0	50	242.1
17.9	1.6	80.5	18.4	72.6	9.0	20.4	57.7	21.9		242.9
23.4	3.6	73.0	26.0	58.0	16.0	21.5	56.9	21.6		243.3
27.5	6.2	66.3	30.6	45.6	23.8	22.1	57.4	20.5		242.1
0.0	0.19	99.81	0.0	98.5	1.5	0.0	71.6	28.4		325.8
3.55	0.25	96.2	3.7	95.0	1.3	8.1	69.6	22.3	60	350.0
7.6	0.4	92.0	7.9	87.8	4.3	15.7	60.9	23.4		366.6
10.5	0.8	88.7	12.5	82.0	5.5	18.6	58.3	23.1		373.4
13.2	1.2	85.6	15.9	76.6	7.5	19.5	56.5	24.0		375.0
15.5	1.7	82.8	20.0	69.0	11.0	21.0	56.3	22.7		377.4
18.3	2.4	79.3	22.9	63.1	14.0	22.0	55.6	22.4	60	378.0
23.0	3.0	74.0	27.5	52.0	20.5	22.2	55.5	22.3		376.5
25.1	5.9	69.0	30.2	44.0	25.8	22.8	55.6	21.6		375.4
0.0	0.22	99.78	0.0	97.9	2.1	0.0	68.0	32.0		492.1
3.3	0.3	96.4	4.8	93.0	2.2	8.9	65.8	25.3		528.1
7.3	0.6	92.1	10.0	85.0	5.0	15.8	58.6	25.6	60	554.0
10.1	0.9	89.0	13.0	80.0	7.0	18.3	55.8	25.9		560.8
14.3	1.5	84.2	15.7	75.6	8.7	21.0	54.1	24.9		566.0
15.8	1.8	82.4	19.4	68.8	11.8	21.6	53.9	24.5		566.7
18.4	2.5	79.1	22.9	61.5	15.6	22.6	53.7	23.7		567.2
21.9	4.1	74.0	27.5	49.9	22.6	23.5	53.4	23.1	60	566.9
24.0	6.0	70.0	29.2	44.1	26.7	23.6	52.7	23.7		565.3

УКСУСНЫЙ АЛЬДЕГИД—ВОДА—УКСУСНАЯ КИСЛОТА



Состав жидкости, мол. %			Состав пара, мол. %			t	P
уксусный альдегид	вода	уксусная кислота	уксусный альдегид	вода	уксусная кислота		
2.80	72.85	24.35	35.77	54.14	10.09	90	756
3.87	52.91	43.22	39.88	42.88	17.24	90	
4.02	74.10	21.88	52.45	39.51	8.04	85	
5.08	53.12	41.80	53.87	32.50	13.63	85	
5.83	71.10	23.07	63.22	30.33	6.45	77	
7.53	51.95	40.52	69.46	20.65	9.89	77	
7.53	69.96	22.51	65.76	28.72	5.52	70	
9.82	50.81	39.37	72.71	22.50	4.79	70	
8.00	80.98	11.02	83.83	14.44	1.73	60	763
9.37	79.57	11.06	87.04	12.07	0.89	55	
12.26	77.12	10.62	87.07	12.13	0.80	50	
15.06	74.87	10.07	90.26	9.15	0.59	45	
20.67	69.95	9.38	89.78	9.46	0.76	45	764
26.45	65.00	8.55	96.91	2.30	0.79	39.5	
16.52	46.21	37.27	—	—	—	60	
17.65	47.77	34.58	70.66	9.59	19.75	55	
22.76	44.08	33.16	78.73	7.33	13.94	50	
27.07	42.95	29.98	80.69	7.30	12.01	45	
36.45	35.59	27.96	85.17	3.65	11.18	39.5	
40.26	37.11	22.63	88.74	5.34	5.92	35	

АЦЕТОН—ВОДА—УКСУСНАЯ КИСЛОТА



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	вода	уксусная кислота	ацетон	вода	уксусная кислота		
4.2	70.2	28.6	8.1	74.6	17.3	99.4	760
2.0	51.4	46.6	9.8	57.3	32.9	101.4	
3.9	35.5	60.6	15.0	43.5	41.5	101.6	
2.1	88.7	0.2	25.7	70.2	4.1	92.3	
5.3	47.3	47.4	20.5	50.6	28.9	98.8	
5.0	66.1	28.9	26.7	60.8	12.5	92.0	
4.9	70.1	25.0	26.7	61.5	11.8	95.0	
11.4	30.3	58.3	37.0	33.0	30.0	93.9	
10.3	44.8	44.9	35.3	42.9	21.8	93.4	
10.0	65.6	24.4	47.6	46.8	5.6	83.8	
11.0	61.7	27.3	49.7	44.0	6.3	84.6	
16.0	28.1	65.9	48.3	27.7	24.0	90.0	
17.7	43.3	39.0	58.0	33.2	8.8	81.4	
18.6	40.1	41.3	52.9	32.4	14.7	87.2	
24.9	25.4	49.7	65.5	19.8	14.7	82.9	

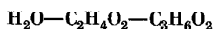
Таблица № 1926 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	вода	уксусная кислота	ацетон	вода	уксусная кислота		
18.6	58.7	22.7	65.1	32.0	2.9	75.2	760
28.9	22.8	48.3	71.3	16.1	12.6	80.8	
28.4	32.7	38.9	71.0	21.5	7.5	—	
29.0	34.4	36.6	71.0	22.4	6.6	76.3	
28.7	50.5	20.8	75.0	23.3	1.7	70.0	
39.8	18.8	41.4	81.0	12.5	6.5	—	
24.9	65.4	9.7	75.9	23.5	0.6	70.8	
40.8	25.8	33.4	79.9	15.8	4.3	70.9	
40.7	28.8	30.5	80.0	16.4	3.6	70.7	
37.0	43.2	19.8	79.0	19.8	1.2	68.0	
51.1	14.1	34.8	87.3	8.8	3.9	69.8	
54.3	12.2	33.5	89.5	7.6	2.9	66.5	
53.2	22.0	24.8	87.9	10.7	1.4	65.0	
41.8	50.8	7.4	83.1	16.6	0.3	61.9	
68.3	14.3	17.4	92.5	6.8	0.7	60.7	
74.8	21.4	3.8	90.2	9.7	0.1	61.0	
87.9	5.0	7.1	96.6	2.9	0.5	58.6	

№ 1927

[6]

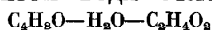
ВОДА—УКСУСНАЯ КИСЛОТА—ПРОПИОНОВАЯ КИСЛОТА



Состав жидкости, мол. %			Состав пара, мол. %			t	P
вода	уксусная кислота	пропионовая кислота	вода	уксусная кислота	пропионовая кислота		
20.0	16.0	64.0	50.5	14.1	35.4	114.0	760
40.0	12.0	48.0	70.2	8.2	21.6	106.8	
62.8	7.4	29.8	82.5	3.8	13.7	102.3	
80.0	4.0	16.0	87.6	2.4	10.0	100.4	
20.0	32.0	48.0	43.8	28.2	28.0	113.0	
40.0	24.0	36.0	63.0	19.0	17.4	106.7	
60.0	16.0	24.0	78.4	11.8	9.8	102.9	
80.0	8.0	12.0	88.8	6.8	4.4	100.7	
20.0	48.0	32.0	39.1	42.0	18.9	112.2	
40.0	36.0	24.0	59.0	27.3	13.7	107.0	
60.0	24.0	16.0	76.2	15.1	8.7	102.7	
80.0	12.0	8.0	87.2	7.4	5.4	100.5	
20.0	64.0	16.0	35.8	53.7	10.5	111.3	
40.0	48.0	12.0	56.7	35.3	8.0	106.4	
71.4	22.9	5.7	81.7	14.3	4.0	101.8	
80.0	16.0	4.0	86.7	10.2	3.1	101.1	

ВОДА—УКСУСНАЯ КИСЛОТА—УКСУСНЫЙ АНГИДРИД
 $H_2O-C_2H_4O_2-C_4H_6O_3$

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
вода	уксусная кислота	уксусный ангидрид	вода	уксусная кислота	уксусный ангидрид	вода	уксусная кислота	уксусный ангидрид		
3.2	93.9	2.9	9.1	88.1	2.8	2.60	1.00	3.31	96.5	400
5.8	89.7	4.5	17.7	78.2	4.1	2.61	0.99	2.88	96.2	
7.2	86.8	6.0	22.1	72.6	5.3	2.55	0.96	2.78	96.0	
26.6	68.3	5.1	59.7	37.5	2.8	1.98	1.01	1.85	89.7	
30.3	63.1	6.6	59.8	36.0	4.2	1.75	1.05	2.16	89.4	
61.3	38.4	0.3	73.9	25.8	0.3	1.21	1.24	3.85	85.2	
64.0	35.5	0.5	75.2	24.2	0.6	1.17	1.29	4.62	85.1	
66.2	32.2	1.6	78.2	20.2	1.6	1.15	1.26	3.75	85.3	



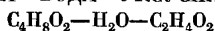
Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилэтил-кетон	вода	уксусная кислота	метилэтил-кетон	вода	уксусная кислота		
0.29	93.0	6.71	0.75	92.9	6.35	100.0	760
0.35	82.9	16.75	0.85	87.8	11.35	104.7	
0.43	82.5	17.07	2.48	87.3	10.22	99.4	
0.52	98.7	0.78	1.39	98.0	0.61	99.3	
0.561	94.9	4.539	0.93	96.2	2.87	99.5	
0.655	98.2	1.145	0.70	98.6	0.70	98.4	
0.668	97.2	2.132	1.83	96.9	1.27	99.2	
0.715	94.2	5.085	10.6	86.5	2.9	96.0	
0.787	86.7	12.513	3.0	89.6	7.1	99.0	
0.825	96.1	3.075	0.401	97.3	2.299	101.7	
1.03	91.9	7.07	3.77	92.5	3.73	98.3	
1.075	89.0	9.025	8.0	86.0	6.0	97.5	
1.08	95.7	3.22	2.6	95.9	1.5	98.7	
1.12	94.0	4.88	2.85	94.2	2.95	101.0	
1.29	92.8	5.91	7.95	88.5	3.55	98.2	
1.68	96.7	1.62	1.70	97.0	1.30	99.1	
1.68	97.2	1.12	1.32	97.5	1.18	99.1	
2.15	59.7	38.15	6.1	72.0	21.9	100.0	
2.30	58.6	39.1	5.82	68.7	25.48	101.8	
2.50	55.9	31.6	18.4	76.3	5.3	94.9	

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилэтил-кетон	вода	уксусная кислота	метилэтил-кетон	вода	уксусная кислота		
2.57	84.5	12.93	19.25	74.2	6.55	93.8	760
3.10	50.4	46.5	10.65	60.8	28.55	98.5	
3.12	90.5	6.83	40.5	56.8	2.7	86.3	
3.88	2.64	93.48	9.16	1.68	89.16	113.8	
4.63	94.0	1.37	33.2	66.0	0.8	86.8	
4.67	94.0	1.33	33.2	66.0	0.8	86.8	
5.37	67.0	27.63	21.2	66.8	12.0	84.5	
5.67	79.3	15.03	38.1	57.8	4.1	86.8	
7.50	69.0	23.5	37.7	55.1	7.2	84.5	
7.62	78.2	14.18	40.8	53.0	6.2	86.8	
11.0	67.9	21.1	53.0	36.4	10.6	88.0	
16.5	68.7	14.8	24.2	63.2	12.6	87.3	
19.7	5.02	75.28	27.6	19.3	53.1	93.8	
20.7	5.05	74.25	37.8	16.1	46.1	102.0	
21.0	75.2	3.8	62.3	37.2	0.5	74.4	
29.3	29.0	41.7	56.2	31.0	12.8	88.2	
35.7	31.2	33.1	60.2	33.4	6.4	83.6	
37.9	45.5	16.6	57.8	40.3	1.9	79.0	
56.8	10.4	32.8	72.5	21.4	6.1	83.0	
85.5	8.85	5.65	83.5	15.8	0.7	75.9	

№ 1930

ЭТИЛАЦЕТАТ—ВОДА—УКСУСНАЯ КИСЛОТА

[544]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
этилацетат	вода	уксусная кислота	этилацетат	вода	уксусная кислота	этилацетат	вода	уксусная кислота		
2.83	77.61	19.5	30.1	61.0	8.9	6.65	1.04	1.078	92.2	756.4
3.11	57.5	39.4	16.2	60.7	23.1	2.75	1.13	1.14	98.2	764
4.17	35.00	60.8	16.9	45.0	38.0	1.95	1.222	1.082	101.3	759
4.82	48.08	46.2	10.45	54.55	26.0	2.14	1.20	1.098	98.0	761.4
4.85	15.2	80.0	58.8	25.6	25.6	1.36	1.33	1.051	106.3	757.5
7.61	53.2	39.2	32.5	50.9	16.6	2.63	1.24	0.988	93.0	763
7.85	72.25	19.9	50.9	43.6	5.5	5.10	1.083	0.869	84.0	748
8.3	45.3	46.4	30.4	48.2	21.4	2.14	1.31	1.015	93.8	742.5
8.42	27.98	63.6	25.25	37.35	37.4	1.49	1.32	1.06	99.8	748
8.7	23.4	67.9	27.3	32.7	40.0	—	—	—	99.7	749.5
10.9	12.6	76.5	27.5	20.8	51.7	1.15	1.45	1.089	103.25	756.4
11.4	33.3	55.3	33.4	39.0	27.6	1.67	1.40	1.075	94.8	754

Таблица № 1930 (продолжение)

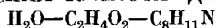
Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
этилен- таг	вода	уксусная кислота	этилен- таг	вода	уксусная кислота	этилен- таг	вода	уксусная кислота		
14.3	21.2	64.0	36.8	29.1	34.1	1.35	1.53	1.07	96.6	750
14.4	13.4	72.2	34.2	21.0	44.8	1.18	1.50	1.125	100.1	757.5
14.4	48.4	37.2	45.7	43.0	11.3	2.27	1.40	0.851	87.8	763
17.1	64.75	18.15	62.3	34.6	3.1	3.47	1.20	0.68	78.8	766.3
19.4	29.0	51.0	45.9	33.5	20.6	1.53	1.60	1.005	90.75	753.5
19.8	8.16	72.0	44.8	14.7	40.5	1.162	1.87	1.055	98.5	751
20.2	19.19	59.9	46.7	27.0	26.3	1.375	1.71	0.99	93.5	757
22.3	11.2	66.5	46.5	17.9	35.8	1.14	1.82	1.095	96.45	757.5
25.7	25.8	48.5	53.4	30.3	16.3	1.455	1.81	0.915	88.3	755
27.7	39.8	32.5	57.1	36.0	6.92	1.73	1.76	0.726	82.1	753
28.8	7.24	64.0	56.5	13.1	30.4	1.125	2.16	2.16	95.0	755
30.0	9.38	60.6	56.1	15.3	28.6	1.13	2.074	1.06	93.15	755
31.8	14.9	53.3	57.8	21.0	21.2	1.215	2.06	1.035	89.4	753
32.0	6.5	61.5	60.6	12.0	27.4	1.13	2.32	0.998	93.1	745
34.7	8.3	57.0	62.3	14.0	23.7	1.14	2.30	1.01	91.2	750
36.6	14.0	49.4	63.7	19.9	16.4	1.25	2.26	0.937	86.8	740.5
36.9	7.39	55.75	64.6	13.0	22.4	1.13	2.44	0.998	90.7	750
39.5	5.5	55.0	68.1	10.0	21.9	1.11	2.55	0.991	90.1	736
41.2	19.6	30.2	65.9	24.9	9.21	1.29	2.36	0.77	83.0	743
41.8	12.2	46.0	66.3	18.2	15.5	1.16	2.45	0.978	86.1	740.5
42.5	30.9	26.0	63.05	32.0	4.35	1.40	2.31	0.64	78.8	755.5
43.7	4.77	51.5	72.0	9.0	19.0	1.10	2.76	0.96	88.9	735
49.1	9.86	41.0	72.6	15.7	11.7	1.135	2.78	0.874	84.35	738.5
49.35	15.95	34.7	70.8	22.0	7.2	1.205	2.71	0.715	81.2	734.5
50.9	4.1	45.0	77.0	7.9	15.1	1.076	3.04	0.25	87.0	738
52.5	8.35	39.2	75.1	14.1	10.8	1.105	2.98	0.855	83.9	738.5
52.75	24.55	22.8	69.08	28.2	2.72	1.285	2.72	0.495	77.4	755.5
55.4	13.4	31.2	73.8	20.2	6.0	1.156	3.06	0.685	80.9	746.5
56.9	3.46	39.6	81.7	6.92	11.4	1.08	3.38	0.86	85.9	759
60.6	6.25	33.2	80.6	11.9	7.46	1.09	3.62	0.75	82.1	734
64.7	2.6	32.7	86.3	5.41	8.25	1.067	3.80	0.808	83.7	752.5
65.8	17.0	17.2	73.36	24.2	2.45	1.14	3.54	0.618	76.0	750
66.0	9.3	24.7	79.3	16.7	4.04	1.061	3.88	0.615	78.9	735
66.1	5.0	28.9	83.9	10.0	6.15	1.07	3.92	0.73	81.2	735
71.2	2.29	26.5	89.0	4.67	6.31	1.045	3.95	0.806	82.2	752.5
74.1	6.59	19.3	83.05	13.95	3.0	1.05	4.75	0.61	78.0	734.5
74.3	12.55	13.15	77.15	20.8	2.05	1.081	4.19	0.698	75.6	750
75.1	3.43	21.1	88.2	7.84	3.94	1.04	4.80	0.685	80.0	745
75.8	1.63	22.6	91.4	3.93	4.71	1.034	4.825	0.733	81.5	755
79.3	1.40	19.3	92.7	3.72	3.61	1.03	5.49	0.674	80.7	754
80.1	4.54	15.3	86.86	10.95	2.19	1.06	5.51	0.57	77.8	764.5
80.2	8.7	11.1	82.06	16.25	1.69	1.065	4.74	0.677	75.7	754.5
81.9	2.4	15.7	91.1	6.49	2.36	1.02	5.92	0.576	78.9	743.5
82.6	1.16	16.2	93.6	3.22	3.22	1.01	5.90	0.741	79.1	730



Состав жидкости, вес. %			Состав пара, вес. %			t	P
фурфурол	вода	уксусная кислота	фурфурол	вода	уксусная кислота		
17.18	79.88	2.94	33.84	65.14	1.05	98.2	760
30.63	65.36	4.01	36.17	62.54	1.29	98.2	
49.43	47.18	3.39	34.96	63.95	1.09	98.2	
9.98	88.73	1.29	31.47	67.87	0.66	98.3	
43.90	51.41	4.69	35.72	62.87	1.41	98.3	
10.06	88.36	1.58	31.10	68.05	0.85	98.4	
17.62	77.14	5.24	33.00	65.03	1.97	98.4	
30.68	62.55	6.77	35.11	62.71	2.18	98.4	
9.81	88.03	2.16	31.89	67.17	0.94	98.5	
53.01	40.72	6.27	34.27	63.56	2.17	98.5	
72.53	22.06	5.41	34.60	63.25	2.15	98.7	
18.31	70.59	11.10	29.47	66.01	4.52	98.8	
4.75	93.12	2.13	20.00	78.83	1.17	98.9	
10.07	80.26	9.67	26.22	69.36	4.42	98.9	
18.71	69.29	12.00	28.77	66.19	5.04	98.9	
21.44	66.26	12.30	29.84	65.19	4.97	98.9	
46.37	42.20	11.43	31.39	64.38	4.23	99.0	
4.66	91.38	3.96	20.20	77.68	2.12	99.1	
30.70	55.52	13.78	31.00	63.65	5.35	99.1	
2.74	96.10	1.07	15.45	82.02	0.62	99.2	
9.95	80.14	9.91	25.53	69.86	4.61	99.2	
4.99	87.26	7.75	18.06	77.63	4.31	99.3	
52.97	34.53	12.50	34.40	63.66	4.94	99.3	
2.78	93.40	3.92	14.82	83.02	2.16	99.4	
85.84	10.76	3.40	36.58	61.76	1.66	99.4	
4.73	86.80	8.47	17.68	77.50	4.82	99.5	
17.91	62.37	19.72	24.87	65.91	9.22	99.5	
22.07	57.35	20.58	25.95	64.86	9.19	99.5	
22.72	70.97	6.31	32.68	65.05	9.27	99.5	
2.88	88.89	8.23	12.14	83.02	4.84	99.6	
4.99	81.70	13.31	15.24	77.13	7.63	99.6	
38.81	44.11	17.08	28.75	64.29	6.96	99.6	
66.48	22.15	11.37	32.48	62.43	5.09	99.6	
0.91	98.00	1.09	6.71	92.59	0.70	99.7	
10.11	71.09	18.80	19.60	70.41	9.99	99.7	
28.43	49.26	22.31	26.16	64.69	9.15	99.7	
0.91	94.79	4.30	5.55	91.59	2.86	99.8	
2.71	83.33	13.96	9.57	81.71	8.72	99.8	
4.68	79.33	15.99	14.20	70.49	9.31	99.8	
10.69	69.87	19.44	19.85	70.20	9.95	99.8	
5.66	76.22	18.12	14.37	74.92	10.71	99.9	
0.92	85.22	13.86	3.69	86.56	9.75	100.1	
3.05	80.08	16.87	9.85	79.54	10.61	100.1	
1.66	82.92	15.42	6.39	83.18	10.43	100.2	
17.48	54.00	28.52	18.89	66.28	14.83	100.2	
10.10	61.30	28.60	14.65	68.95	16.40	100.3	
55.34	27.17	17.49	29.32	62.05	8.63	100.3	

Таблица № 1931 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
фурфурол	вода	уксусная кислота	фурфурол	вода	уксусная кислота		
2.01	74.87	23.12	5.54	78.78	15.68	100.4	760
10.00	60.54	29.46	14.18	68.55	17.27	100.4	
17.33	51.93	30.74	17.56	65.23	17.21	100.4	
4.65	69.27	26.08	9.61	74.01	16.38	100.5	
6.35	59.97	33.68	9.71	69.58	20.71	100.6	
78.84	11.90	9.36	34.64	60.06	5.30	100.7	
2.51	66.35	31.14	5.24	74.70	20.06	100.8	
15.55	50.83	33.62	15.83	65.10	19.07	100.8	
64.14	16.78	19.08	29.42	58.75	11.83	100.8	
5.38	56.12	38.50	7.43	68.52	24.05	101.1	
39.58	30.25	30.17	24.32	45.51	16.89	101.2	
26.32	37.64	36.04	18.94	60.71	20.35	101.3	
3.29	57.96	38.75	5.01	69.94	25.05	101.4	
11.02	46.27	42.71	10.80	62.48	26.72	101.5	
22.56	39.62	37.82	17.21	60.42	22.37	101.5	
88.39	7.00	4.61	38.83	58.29	2.88	101.5	
4.41	49.08	46.51	4.85	64.58	30.57	101.7	
21.45	36.26	42.29	15.13	57.88	26.99	101.9	
5.57	45.03	49.40	5.11	60.19	34.70	102.1	
13.61	38.57	47.82	10.47	57.81	31.72	102.1	
45.92	22.59	31.49	24.17	55.91	19.92	102.2	
67.74	13.48	18.78	31.25	56.08	12.67	102.4	
34.52	25.99	39.49	19.24	54.82	25.87	102.7	
7.40	35.64	56.96	5.15	57.15	37.70	102.8	
29.80	24.80	45.40	15.83	52.86	31.31	102.9	
8.92	30.31	60.77	4.62	55.34	40.04	103.5	
76.00	9.40	14.60	33.97	54.73	11.30	104.0	
20.08	25.50	54.42	9.16	53.33	37.51	104.1	
51.60	15.11	33.29	24.48	50.08	25.44	104.1	
13.88	23.13	62.99	5.15	47.88	40.97	104.8	
43.39	15.56	41.05	20.07	47.13	32.80	104.9	
36.98	14.90	48.12	15.90	41.98	42.12	106.2	
16.13	16.26	67.61	6.14	33.26	60.60	106.6	
27.37	15.07	57.56	11.36	37.07	51.57	106.8	
28.87	12.08	59.05	8.91	33.30	57.79	108.6	
82.03	11.40	13.57	37.15	46.52	16.33	109.0	
18.91	11.09	70.00	5.27	26.77	67.96	109.1	
57.35	5.17	37.48	26.74	27.82	45.44	112.4	
70.40	4.20	25.40	30.87	34.64	34.49	112.8	
18.74	5.70	75.56	3.76	16.17	80.07	113.7	
42.20	3.80	54.00	16.50	19.50	64.00	114.2	
51.30	2.90	45.80	20.80	20.30	58.90	115.5	
33.00	2.70	64.30	12.07	10.43	77.50	117.5	
18.60	2.10	79.30	5.80	5.80	88.40	118.9	



Состав жидкости, вес. %			Состав пара, вес. %			t	P
вода	уксусная кислота	диметил-анилин	вода	уксусная кислота	диметил-анилин		
4.9	81.2	13.9	13.6	83.4	3.1	116.0	760
13.0	76.2	10.9	26.1	71.1	2.8	107.0	
19.2	69.7	11.1	36.2	60.9	3.9	105.0	
21.7	68.3	10.0	38.0	58.0	4.0	104.4	
29.0	61.5	9.5	47.5	46.9	5.6	103.0	
28.9	61.5	9.6	48.2	46.2	5.6	103.0	
35.8	54.6	9.6	56.5	37.5	6.0	101.9	
39.6	51.9	8.5	57.6	34.6	7.8	101.6	
44.0	46.3	9.7	59.9	27.8	12.3	101.0	
47.4	42.8	9.8	60.0	24.4	15.6	100.6	
50.3	39.6	10.1	61.6	20.9	17.5	100.3	
54.1	35.1	10.8	62.6	18.4	19.0	100.1	
59.3	30.4	10.3	64.7	16.2	19.1	99.7	
65.8	25.1	9.1	67.1	13.2	19.7	99.5	
69.3	21.8	8.9	68.8	11.0	20.2	99.4	
72.5	18.1	9.4	70.9	9.6	19.5	99.1	
76.6	14.2	9.2	73.2	7.4	19.4	99.0	
81.3	9.9	9.8	75.2	5.3	19.5	98.5	
85.3	5.2	9.5	77.4	2.8	19.8	98.5	
4.7	74.2	21.1	14.9	80.3	4.8	111.8	
5.9	73.8	20.3	17.4	78.7	3.9	109.5	
10.1	67.7	21.2	27.3	65.5	7.2	107.6	
10.9	68.9	20.2	28.4	66.2	5.4	107.0	
15.3	64.5	20.2	36.3	55.6	8.1	104.7	
18.2	60.5	21.3	41.9	48.1	10.0	104.2	
18.9	60.8	20.3	43.6	47.6	8.8	103.3	
25.1	54.5	20.4	51.0	36.2	12.8	101.4	
29.4	52.2	18.4	53.1	32.8	14.1	101.9	
31.9	49.5	18.6	55.7	28.2	16.1	101.5	
34.7	46.5	18.8	56.0	26.0	18.0	101.1	
38.2	42.9	18.9	57.1	24.2	18.7	100.9	
41.9	38.8	19.3	59.3	22.0	18.9	100.4	
46.6	33.7	19.7	61.7	19.6	18.7	100.0	
53.4	28.0	18.6	64.4	15.6	20.0	99.8	
56.5	24.6	18.9	65.8	14.1	20.1	99.7	
60.4	20.4	19.2	67.4	12.1	20.5	99.0	
64.6	15.9	19.5	70.3	9.7	20.0	98.8	
69.3	10.9	19.8	73.5	6.5	20.0	98.0	
74.7	5.2	20.1	76.0	3.2	20.8	98.0	
4.7	63.5	31.8	17.6	74.1	8.3	112.4	
7.9	58.6	33.5	28.5	61.5	10.0	108.4	
9.6	58.8	32.6	30.0	59.6	10.4	108.0	
12.9	53.1	34.0	40.9	45.9	13.2	104.6	
17.7	49.0	33.3	48.0	36.2	15.8	103.0	
19.6	47.1	33.3	50.5	33.5	16.0	102.2	
21.6	45.1	33.3	52.1	30.5	17.4	101.9	
24.2	42.4	33.4	54.0	28.3	17.8	101.2	
27.4	39.1	33.5	55.8	25.4	18.8	100.8	

Таблица № 1932 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			ε	Г
вода	уксусная кислота	диметил-анилин	вода	уксусная кислота	диметил-анилин		
31.3	35.1	33.6	58.5	22.8	18.7	100.5	760
36.1	30.0	33.9	61.0	20.0	19.0	100.0	
39.0	26.7	34.3	62.3	18.2	19.5	99.9	
43.0	23.1	33.9	65.9	15.6	18.5	99.2	
47.1	18.7	34.2	67.8	13.0	19.2	99.0	
52.3	13.7	34.0	69.9	10.1	20.0	98.0	
57.8	7.5	34.7	74.6	5.7	19.7	98.0	
7.3	51.8	40.9	33.5	57.2	9.5	107.2	
12.6	45.4	42.0	45.0	40.0	15.0	102.0	
17.2	41.8	41.0	50.5	32.3	17.2	101.7	
21.5	37.4	41.1	54.5	27.1	18.2	101.0	
25.0	33.9	41.1	56.7	25.1	18.3	100.6	
26.0	31.9	42.1	58.0	23.5	18.5	100.3	
31.1	27.3	41.6	60.5	20.0	19.5	100.0	
36.5	23.5	40.0	63.1	17.2	19.7	99.8	
35.0	23.6	41.4	63.0	17.4	19.6	99.6	
39.5	20.3	40.2	64.4	15.1	20.5	99.6	
39.7	20.3	40.0	64.9	14.7	20.4	99.6	
37.9	20.8	41.3	64.1	16.1	19.8	99.4	
47.7	12.0	40.3	69.8	9.2	21.0	99.0	
53.1	6.5	40.4	73.5	5.5	21.0	98.6	
4.7	45.9	49.4	32.5	58.4	9.1	107.2	
8.2	42.2	49.6	42.0	44.6	13.4	104.4	
11.1	39.1	49.8	49.1	35.3	15.6	102.4	
13.7	36.3	50.0	51.5	31.9	16.6	101.8	
15.9	33.9	50.2	52.5	29.5	18.0	101.5	
19.9	30.0	50.1	55.7	25.3	19.0	100.9	
22.5	27.3	50.2	56.9	24.3	18.8	100.6	
24.7	25.0	50.3	58.3	22.5	19.2	100.4	
26.4	23.2	50.4	59.8	20.7	19.5	100.1	
27.9	21.4	50.7	61.3	19.4	19.3	100.0	
29.1	21.0	49.9	61.3	19.2	19.5	100.0	
29.2	20.0	50.8	61.7	18.3	20.0	100.0	
30.3	18.8	50.9	78.8	17.0	19.3	99.9	
31.5	18.5	50.0	63.9	17.1	19.0	99.9	
34.2	15.9	49.9	65.8	14.8	19.5	99.8	
37.5	12.5	50.0	67.9	12.1	20.0	99.4	
41.3	8.7	50.0	71.0	8.8	20.2	98.7	
45.8	4.1	50.1	76.5	4.3	19.2	98.3	
2.1	27.5	70.4	27.4	58.0	14.6	111.1	
3.7	26.4	69.9	40.2	44.6	15.2	105.0	
5.2	25.1	69.7	47.7	35.9	16.4	102.8	
6.6	24.2	69.2	51.0	32.0	17.0	101.9	
7.9	23.0	69.1	53.3	28.5	18.2	101.4	
9.1	22.5	68.4	54.6	27.1	18.3	101.0	
12.2	20.6	67.2	57.2	23.1	19.7	100.5	
14.2	18.7	67.1	59.6	21.7	18.7	100.0	
16.1	17.4	66.5	61.0	19.5	19.5	99.9	
18.0	16.2	65.8	61.9	18.0	20.1	99.9	

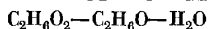
Таблица № 1932 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			<i>t</i>	<i>P</i>
вода	уксусная кислота	диметил-анилин	вода	уксусная кислота	диметил-анилин		
19.6	15.3	65.1	61.0	16.6	19.5	99.7	760
18.0	13.0	69.0	63.9	16.0	20.1	99.7	
19.5	11.4	69.1	65.6	14.1	20.1	99.6	
21.1	9.8	69.1	68.5	12.5	19.0	99.5	
23.0	7.8	69.2	70.2	10.1	19.7	99.1	
25.2	5.5	69.3	72.8	7.7	19.5	98.7	
27.7	2.9	69.4	74.7	4.1	21.2	98.3	
0.40	9.8	89.8	14.2	58.3	27.5	127.0	
0.64	9.7	89.7	21.5	51.0	27.5	121.6	
0.70	9.6	89.7	24.0	50.5	25.5	119.0	
0.95	9.4	89.6	35.6	42.8	21.6	112.6	
0.82	9.0	90.2	36.4	40.8	22.8	111.7	
1.35	9.2	89.4	47.3	34.0	18.7	105.1	
1.25	8.5	90.2	46.3	32.2	21.6	106.4	
1.72	9.1	89.2	49.6	30.3	20.1	102.6	
1.53	8.2	90.3	52.0	27.9	20.1	104.4	
2.03	7.9	90.1	54.7	23.9	21.4	102.1	
2.76	7.4	89.8	59.3	20.7	20.0	100.8	
3.50	6.8	89.7	62.5	16.0	20.5	99.8	
4.10	6.3	89.6	64.1	15.1	20.8	99.5	
4.83	6.0	89.2	65.6	14.2	20.2	99.3	
5.50	5.9	88.6	66.0	13.5	20.5	99.3	
6.77	4.8	88.4	68.0	12.0	20.0	99.3	
7.2	4.02	88.8	67.3	10.8	21.9	99.2	
7.1	3.32	89.6	69.9	9.1	21.0	98.8	
8.0	2.58	89.4	72.8	7.7	19.5	98.5	
8.4	1.94	89.7	72.6	5.9	21.5	98.2	
8.9	1.34	89.8	73.7	3.8	22.5	98.1	
9.2	0.68	90.1	74.8	2.0	23.2	98.1	

№ 1933

ЭТИЛЕНГЛИКОЛЬ—ЭТИЛОВЫЙ СПИРТ—ВОДА

[876]



Состав жидкости, вес. %			Состав пара, вес. %			<i>t</i>	<i>P</i>
этилен-гликоль	этиловый спирт	вода	этилен-гликоль	этиловый спирт	вода		
51.20	0.00	48.80	2.60	0.00	97.40	107.1	760
50.70	2.44	46.86	1.70	25.93	72.37	103.8	
50.00	3.43	46.57	1.40	31.46	67.14	102.9	
50.20	5.68	44.12	1.00	45.80	53.20	99.9	
49.00	7.15	43.85	0.60	50.53	48.87	98.8	
51.30	9.05	39.65	0.70	56.65	42.65	97.7	
49.20	11.91	38.89	0.70	61.70	37.60	95.6	
49.20	16.96	33.84	0.60	69.55	29.85	93.1	
51.40	18.87	29.73	0.60	72.07	27.33	92.6	

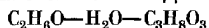
Таблица № 1933 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
этилен-гликоль	этиловый спирт	вода	этилен-гликоль	этиловый спирт	вода		
49.70	22.53	27.77	0.60	75.07	24.33	91.6	760
51.80	22.55	25.65	0.60	76.17	23.23	91.6	
51.90	24.10	24.00	0.60	77.16	22.24	91.2	
52.00	25.99	22.01	0.60	78.76	20.64	90.9	
50.70	28.85	20.45	0.60	79.91	19.49	90.4	
52.50	31.15	16.35	0.60	82.84	16.56	90.3	
51.50	37.58	10.92	0.60	88.74	10.66	89.7	
50.80	43.66	5.54	0.80	93.02	6.18	89.5	
50.50	49.00	0.50	0.90	98.86	0.24	89.5	
75.50	0.00	24.50	6.40	0.00	93.60	118.0	
74.30	1.27	24.43	6.30	23.36	70.34	114.9	
73.80	2.52	23.68	5.10	38.66	56.24	112.0	
73.90	4.10	22.00	4.00	46.65	49.35	110.7	
73.60	6.04	20.36	3.50	57.01	39.49	108.5	
75.80	8.27	15.93	2.90	65.51	31.59	108.2	
74.00	12.67	13.33	2.70	76.16	21.24	104.4	
74.80	15.68	9.52	2.40	82.12	15.48	103.4	
71.60	19.05	6.35	2.20	88.24	9.56	102.4	
74.70	21.17	4.13	2.20	91.25	6.55	102.2	
73.80	24.16	2.04	2.10	94.63	3.27	101.9	
73.70	25.65	0.65	2.00	97.65	0.35	101.8	
89.50	0.00	10.50	20.00	0.00	80.00	136.3	
89.00	0.73	10.27	17.60	18.56	63.84	134.0	
88.20	1.32	10.48	14.80	28.73	56.47	133.4	
87.80	2.38	9.82	12.00	45.06	42.94	131.3	
88.30	3.42	8.28	10.70	55.21	34.09	128.4	
88.10	6.51	5.39	8.20	75.24	16.56	125.7	
88.70	8.24	3.06	6.30	84.29	9.41	123.7	
87.10	10.01	2.89	7.00	84.97	8.03	123.5	
88.40	10.26	1.34	5.70	89.87	4.43	121.7	
87.70	12.18	0.12	6.30	93.33	0.37	120.8	

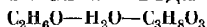
№ 1934

ЭТИЛОВЫЙ СПИРТ—ВОДА—ГЛИЦЕРИН

[621]



Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	глицерин	этиловый спирт	вода		
0.0	91.8	8.2	0.0	100.0	20	15.5
14.6	75.3	10.1	57.3	42.7		31.6
24.5	64.1	11.4	64.6	35.4		35.6
37.0	50.0	13.0	71.0	29.0		37.7
58.8	25.2	16.0	81.4	18.6		38.7
74.3	7.9	17.8	91.1	8.9		39.4
79.9	1.6	18.5	100.0	0.0		38.3



Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	глицерин	этиловый спирт	вода		
0.00	85.00	15.00	0.00	100.00	25	18.0
16.79	68.96	14.25	58.54	41.46		41.0
33.04	51.51	15.45	68.72	31.28		47.0
51.30	33.09	15.61	79.60	20.40		50.0
63.00	21.90	15.10	84.90	15.10		51.0
85.00	0.00	15.00	100.00	0.00		52.5
0.00	50.00	50.00	0.00	100.00		8.5
14.48	36.90	48.62	75.74	24.26		30.5
31.99	18.48	49.53	89.62	10.38		39.5
50.00	0.00	50.00	100.00	0.00		43.0
0.00	85.00	15.00	0.00	100.00	50	75.0
16.79	68.96	14.25	57.33	42.67		161.0
33.04	51.51	15.45	68.17	31.83		183.5
51.30	33.09	15.61	78.17	21.83		191.0
63.00	21.90	15.10	84.58	15.42		194.5
85.00	0.00	15.00	100.00	0.00		197.0
0.00	50.00	50.00	0.00	100.00		37.5
14.48	36.90	48.62	76.15	23.85		117.0
31.99	18.48	49.53	88.92	11.08		157.0
50.00	0.00	50.00	100.00	0.00		159.0
0.00	85.00	15.00	0.00	100.00	75	238.0
16.79	68.96	14.25	56.26	43.74		486.5
33.04	51.51	15.45	66.84	33.16		570.0
51.30	33.09	15.61	76.63	23.37		582.0
63.00	21.90	15.10	—	—		588.0
85.00	0.00	15.00	100.00	0.00		591.0
0.00	50.00	50.00	0.00	100.00		124.0
14.48	36.90	48.62	74.22	25.78		346.0
31.99	18.48	49.53	87.68	12.32		427.0
50.00	0.00	50.00	100.00	0.00		465.0



Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	глицерин	этиловый спирт	вода		
0.0	100.0	0.0	0.0	100.0	50	92.5
10.0	90.0	0.0	45.1	54.9		155.1
0.0	90.0	10.0	0.0	100.0		82.2
20.0	80.0	0.0	55.7	44.3		180.0
10.0	80.0	10.0	50.5	49.5		148.2
0.0	80.0	20.0	0.0	100.0		70.6
30.0	70.0	0.0	60.2	39.8		192.4

Таблица № 1936 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	глицерин	этиловый спирт	вода		
20.0	70.0	10.0	61.6	38.4	50	174.0
10.0	70.0	20.0	55.8	44.2		138.8
0.0	70.0	30.0	0.0	100.0		59.0
40.0	60.0	0.0	63.3	36.7		199.4
30.0	60.0	10.0	66.8	33.2		184.9
20.0	60.0	20.0	67.4	32.6		165.9
10.0	60.0	30.0	61.2	38.0		128.2
0.0	60.0	40.0	0.0	100.0		47.8
50.0	50.0	0.0	66.5	33.5		204.9
40.0	50.0	10.0	70.7	29.3		190.3
30.0	50.0	20.0	73.1	26.9		176.9
20.0	50.0	30.0	73.0	27.0		156.5
10.0	50.0	40.0	66.5	33.5		116.8
0.0	50.0	50.0	0.0	100.0		37.7
60.0	40.0	0.0	70.5	29.5		209.9
50.0	40.0	10.0	74.5	25.5		194.2
40.0	40.0	20.0	77.4	22.6		182.1
30.0	40.0	30.0	78.9	21.1		168.4
20.0	40.0	40.0	78.2	21.8		146.1
10.0	40.0	50.0	71.6	28.4		104.6
0.0	40.0	60.0	0.0	100.0		28.8
70.0	30.0	0.0	75.6	24.4		214.2
60.0	30.0	10.0	79.1	20.9		197.2
50.0	30.0	20.0	81.8	18.2		185.2
40.0	30.0	30.0	83.6	16.4		173.9
30.0	30.0	40.0	84.3	15.7		159.1
20.0	30.0	50.0	83.1	16.9		134.3
10.0	30.0	60.0	76.8	23.2		91.8
0.0	30.0	70.0	0.0	100.0		20.8
80.0	20.0	0.0	82.3	17.7		217.4
70.0	20.0	10.0	84.8	15.2		199.6
60.0	20.0	20.0	86.8	13.2		187.3
50.0	20.0	30.0	88.3	11.7		176.9
40.0	20.0	40.0	89.2	10.8		165.2
30.0	20.0	50.0	89.3	10.7		148.3
20.0	20.0	60.0	87.9	12.1		121.3
10.0	20.0	70.0	82.3	17.7		78.5
0.0	20.0	80.0	0.0	100.0		13.6
90.0	10.0	0.0	90.5	9.5		219.4
80.0	10.0	10.0	91.8	8.2		201.2
70.0	10.0	20.0	92.8	7.2		188.7
60.0	10.0	30.0	93.7	6.3		178.6
50.0	10.0	40.0	94.8	5.2		167.6
40.0	10.0	50.0	94.5	5.5		155.4
30.0	10.0	60.0	94.3	5.7		135.9
20.0	10.0	70.0	93.3	6.7		106.7
10.0	10.0	80.0	89.2	10.8		64.6
0.0	10.0	90.0	0.0	100.0		6.9
100.0	0.0	0.0	100.0	0.0		220.0

Таблица № 1936 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		<i>t</i>	<i>P</i>
этиловый спирт	вода	глицерин	этиловый спирт	вода		
90.0	0.0	10.0	100.0	0.0	50	201.8
80.0	0.0	20.0	100.0	0.0		189.2
70.0	0.0	30.0	100.0	0.0		179.5
60.0	0.0	40.0	100.0	0.0		170.2
50.0	0.0	50.0	100.0	0.0		159.0
40.0	0.0	60.0	100.0	0.0		143.5
30.0	0.0	70.0	100.0	0.0		121.3
20.0	0.0	80.0	100.0	0.0		90.7
10.0	0.0	90.0	100.0	0.0		50.1
0.0	0.0	100.0	0.0	0.0		0.0

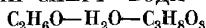
$$\lg \gamma_1 = 0.0556x_2^2 + 0.8868x_3^2 + 0.6319x_2^3 - 0.4960x_3^3 + 0.9828x_2x_3 + 1.3020x_2^2x_3 + 0.2215x_2x_3^2,$$

$$\lg \gamma_2 = 1.0032x_1^2 - 0.5998x_3^2 - 0.6319x_1^3 + 0.4934x_3^3 - 0.9098x_1x_3 + 0.0352x_1^2x_3 + 1.1183x_1x_3^2.$$

№ 1937

ЭТИЛОВЫЙ СПИРТ—ВОДА—ГЛИЦЕРИН

[1093]



Состав жидкости *, мол. %			Состав пара, мол. %		<i>t</i>	<i>P</i>
этиловый спирт	вода	глицерин	этиловый спирт	вода		
2.0	98.0	10	18.0	82.0	95.5	760
7.6	92.4		39.0	61.0	88.0	
19.1	80.9		57.5	42.5	83.0	
37.1	62.9		63.0	37.0	82.0	
53.8	46.2		71.2	28.8	81.0	
64.7	35.3		75.5	24.5	80.0	
86.4	13.6		86.6	13.4	79.5	
96.1	3.9		93.3	6.7	78.8	
1.6	98.4	20	19.9	80.1	95.5	
9.4	90.6		44.9	55.1	85.7	
19.9	80.1		57.5	42.5	84.5	
28.0	72.0		63.1	36.9	82.5	
36.4	63.6		67.6	32.4	81.0	
46.1	53.9		72.4	27.6	80.0	
57.9	42.1		75.2	24.8	79.5	
64.8	35.2		78.8	21.2	79.5	
85.5	14.5		88.9	11.1	78.8	
94.6	5.4		95.0	5.0	78.8	
3.2	96.8	30	16.2	83.8	94.0	
7.2	92.8		44.3	55.7	88.0	
18.0	82.0		57.7	42.3	84.0	
28.2	71.8		67.5	32.5	82.5	

* Состав жидкости рассчитан без учета содержащегося в ней глицерина.

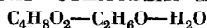
Таблица № 1937 (продолжение)

Состав жидкости *, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	глицерин	этиловый спирт	вода		
34.8	65.2	30	68.0	32.0	80.5	760
51.2	48.8		76.1	23.9	79.8	
61.6	38.4		81.5	18.5	79.0	
84.1	15.9		91.1	8.9	78.8	
94.5	5.5		96.3	3.7	78.6	

№ 1938

ЭТИЛАЦЕТАТ—ЭТИЛОВЫЙ СПИРТ—ВОДА

[97]



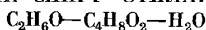
Состав жидкости, вес. %			Содержание этилацетата в паре, вес. %	t	P
этилацетат	этиловый спирт	вода			
2.4	72.2	25.4	12.5	78.6	760
5.4	69.3	25.3	25.2	77.5	
9.2	65.9	24.9	36.3	76.0	
18.3	57.5	24.2	45.6	74.4	
27.1	49.4	23.5	56.8	73.2	
37.4	39.8	22.8	63.2	71.9	
44.7	33.2	22.1	70.2	71.2	
2.6	57.4	40.0	22.2	77.7	
3.9	56.1	40.0	32.9	75.8	
10.6	49.4	40.0	49.8	73.6	
11.9	48.1	40.0	57.7	72.8	
19.9	40.1	40.0	63.3	72.5	
22.6	37.4	40.0	67.6	71.2	
30.5	29.5	40.0	71.6	70.9	
42.0	18.0	40.0	—	70.8 *	

* При комнатной температуре смесь состоит из двух слоев.

№ 1939

ЭТИЛОВЫЙ СПИРТ—ЭТИЛАЦЕТАТ—ВОДА

[571]



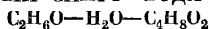
Состав жидкости, мол. %			t жид-кости	Состав пара, мол. %			t пара	P
этиловый спирт	этил-ацетат	вода		этиловый спирт	этил-ацетат	вода		
89.9	1.6	8.5	77.6	87.4	3.6	9.0	—	760
85.1	1.5	13.4	78.1	85.3	2.4	12.3		
75.0	2.4	22.6	77.5	74.3	5.5	20.2	—	
58.6	0.8	40.6	79.1	67.8	2.5	29.7		

Таблица № 1939 (продолжение)

Состав жидкости, мол. %			<i>t</i> жид- кости	Состав пара, мол. %			<i>t</i> пара	<i>p</i>
этиловый спирт	этил- ацетат	вода		этиловый спирт	этил- ацетат	вода		
84.2	4.8	11.0	77.0	80.4	9.6	10.0	—	760
62.7	3.3	34.0	77.4	64.3	9.1	26.6	—	
70.4	4.8	24.8	76.7	67.3	11.0	21.7	—	
74.2	6.2	19.6	76.2	68.1	14.0	17.9	—	
82.9	9.2	7.9	75.8	74.9	16.4	8.7	—	
45.7	0.4	53.9	80.0	62.1	2.0	35.9	—	
53.3	1.5	45.2	78.8	63.4	5.6	31.0	—	
85.3	5.3	9.4	76.6	79.7	12.0	8.3	—	
64.6	9.5	25.9	75.4	59.1	20.1	20.8	—	
72.7	19.7	7.6	73.7	62.4	30.1	7.5	—	
46.9	5.7	47.4	76.4	51.3	17.6	31.1	—	
59.0	32.7	8.3	72.4	51.3	40.6	8.1	—	
53.6	28.2	18.2	72.4	46.7	36.8	16.5	—	
49.6	21.3	29.1	73.0	42.6	35.0	22.4	—	
38.5	11.3	50.2	74.4	39.2	30.0	30.8	—	
29.3	5.7	65.0	76.0	39.9	25.9	34.2	—	
23.1	2.4	74.5	77.6	41.2	18.6	40.2	—	
66.0	25.3	8.7	72.5	56.7	34.6	8.7	—	
60.3	22.3	17.4	72.7	53.3	31.9	14.8	—	
54.3	16.6	29.1	73.6	47.8	28.8	23.4	—	
42.3	8.5	49.2	75.2	44.2	25.0	30.8	—	
31.8	3.9	64.3	76.4	44.5	17.4	38.1	—	
23.7	1.7	74.6	78.8	45.2	11.5	43.3	74.3	
49.8	40.5	9.7	71.6	44.4	44.4	11.2	71.2	
46.2	35.0	18.8	71.5	40.1	43.1	16.8	71.1	
42.4	28.8	28.8	72.0	37.4	38.6	24.0	71.2	
89.8	2.2	8.0	77.0	87.6	5.0	7.4	—	
32.8	14.3	52.9	73.6	32.7	34.5	32.8	71.2	
25.9	8.0	66.1	74.8	32.7	30.7	36.6	71.5	
19.0	3.6	77.4	76.4	34.8	25.5	39.7	72.0	
13.6	1.4	85.0	78.9	37.1	20.6	42.3	72.3	
9.6	0.4	90.0	82.4	37.2	12.5	50.3	74.2	
8.1	0.2	91.7	85.4	33.1	3.8	63.1	77.1	
39.0	47.2	13.8	71.2	35.5	49.0	15.5	71.0	
39.0	41.3	19.7	71.3	34.3	46.9	18.8	71.0	
34.5	33.6	31.9	71.5	30.2	44.2	25.6	70.9	
27.3	18.8	53.9	72.3	26.4	39.8	33.8	70.9	
19.4	9.6	71.0	72.8	24.2	38.4	37.4	70.9	
15.8	4.6	79.6	73.4	27.6	35.4	37.0	71.1	
11.6	2.0	86.4	76.3	29.9	28.4	41.7	71.6	
8.9	0.5	90.6	82.0	32.5	21.2	46.3	72.0	
29.7	62.8	7.5	71.4	30.6	57.9	11.5	71.2	
28.2	50.4	21.4	70.8	26.3	52.5	21.2	70.7	
25.4	38.3	36.3	71.1	22.0	47.8	30.2	70.7	
22.2	26.4	51.4	71.6	21.1	44.6	34.2	70.6	
20.8	20.9	58.3	71.9	20.3	46.8	32.9	70.6	

Таблица № 1939 (продолжение)

Состав жидкости, мол. %			t жид- кости	Состав пара, мол. %			t пара	P
этиловый спирт	этил- ацетат	вода		этиловый спирт	этил- ацетат	вода		
16.0	12.5	71.5	72.2	20.8	41.7	37.5	70.6	760
18.3	76.2	5.5	72.3	23.6	66.9	9.5	70.4	
17.3	68.2	14.5	70.7	19.1	58.1	22.8	70.6	
96.9	0.6	2.5	78.1	97.3	1.2	1.5	78.0	
95.0	1.7	3.3	77.6	96.0	3.6	0.4	77.2	
77.9	13.6	8.5	74.7	70.6	22.2	7.2	—	
70.0	12.3	17.7	74.4	65.2	20.0	14.8	73.6	
66.3	16.4	17.3	73.8	57.5	26.0	16.5	72.6	
54.6	12.0	33.4	74.2	52.0	18.6	29.4	73.7	
49.5	15.4	35.1	73.8	46.0	24.6	29.4	72.5	
43.3	18.5	38.2	72.8	40.7	29.9	29.4	71.8	
38.3	22.7	39.0	72.4	33.8	37.3	28.9	71.3	
31.0	29.2	39.8	71.7	28.0	40.0	32.0	71.0	
40.2	54.2	5.0	71.6	39.9	54.5	5.6	71.5	
49.9	45.1	5.0	71.8	48.0	47.3	4.7	71.8	
58.0	37.2	4.8	72.2	53.5	43.0	3.5	72.0	
66.7	29.2	4.1	72.8	60.9	38.1	1.0	72.4	
71.7	23.1	5.2	73.4	66.0	30.7	3.3	72.8	
79.0	16.5	4.5	74.3	73.9	24.6	1.5	73.5	
85.4	10.5	4.1	75.4	78.0	19.0	3.0	74.0	
89.0	6.8	4.2	76.2	83.5	12.6	3.9	75.0	
18.9	43.1	38.0	70.7	16.2	54.4	29.4	70.5	
14.9	31.9	53.2	71.0	15.2	50.0	34.8	70.4	
10.0	70.3	19.7	70.6	10.2	64.5	25.3	70.5	
19.0	72.7	8.3	71.6	22.7	64.9	12.4	71.1	
6.5	87.7	5.8	72.8	10.4	76.7	12.9	71.0	
6.2	85.0	8.8	71.8	7.0	73.0	18.8	70.6	
7.8	89.9	2.3	73.4	10.7	86.6	2.7	72.0	
19.1	59.6	21.3	70.8	18.0	60.0	22.0	70.6	
11.7	34.3	54.0	70.8	14.0	55.1	30.0	70.5	
18.4	22.8	58.8	71.6	20.4	49.7	29.9	70.7	
34.8	32.3	32.9	71.6	29.8	45.1	25.1	70.9	
28.6	17.0	54.4	72.9	28.0	40.8	31.2	71.0	
15.6	10.2	74.2	72.8	23.0	38.6	38.4	70.9	
79.3	13.6	7.1	74.8	71.0	22.7	6.3	73.5	
69.0	12.1	18.9	75.0	62.1	22.6	15.3	73.2	
42.7	17.5	39.8	73.6	38.6	34.0	27.4	71.8	
38.1	21.1	40.8	73.1	34.1	36.4	29.5	71.7	
78.2	15.4	6.4	74.5	69.3	25.3	5.4	73.2	
66.3	29.0	4.7	72.9	57.1	38.2	4.7	72.3	
75.2	10.0	14.8	75.5	75.2	19.5	5.3	74.0	
13.4	76.5	10.1	71.8	16.4	66.3	17.3	70.8	
14.9	64.9	20.2	70.6	15.2	61.3	23.5	70.5	
35.4	36.9	27.7	71.4	30.3	47.5	22.2	70.9	
24.4	52.1	23.5	70.8	22.4	55.2	22.4	70.7	
18.6	54.8	26.6	70.7	16.9	57.9	25.2	70.7	



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
этиловый спирт	вода	диоксан	этиловый спирт	вода	диоксан		
5.5	48.4	46.1	11.8	44.5	43.7	86.16	760
6.1	44.7	49.2	11.3	42.3	46.4	86.36	
13.6	39.2	47.2	25.3	37.3	37.4	84.37	
15.5	44.1	40.4	27.0	38.2	34.8	83.91	
21.7	37.1	41.2	33.7	34.4	31.9	83.09	
25.7	43.0	31.3	39.3	34.6	26.1	82.22	
29.0	34.2	36.8	41.1	32.5	26.4	81.75	
35.2	33.7	34.1	46.7	30.8	22.5	81.30	
36.5	37.7	25.8	48.2	32.8	19.0	80.80	
44.6	29.3	26.1	54.6	27.8	17.6	80.13	
51.0	31.6	17.4	59.9	27.1	13.0	79.57	
54.7	26.6	18.7	63.1	22.6	14.3	79.40	
78.0	14.1	7.9	81.7	11.4	6.9	78.43	
78.1	12.6	9.3	81.6	9.7	8.7	78.61	
84.2	10.8	5.0	84.2	10.8	5.0	78.08	
86.2	10.9	2.9	86.2	10.9	2.9	78.08	
86.4	9.5	4.1	86.4	9.5	4.1	78.08	
88.3	10.5	1.2	87.7	10.5	1.8	78.11	
92.1	2.9	5.0	89.8	5.7	4.5	78.30	

№ 1941 ИЗОБУТИЛОВЫЙ СПИРТ—ЭТИЛОВЫЙ СПИРТ—ВОДА [1961]



Состав жидкости, вес. %			Состав пара, вес. %			<i>t</i>	<i>P</i>
изобутиловый спирт	этиловый спирт	вода	изобутиловый спирт	этиловый спирт	вода		
2.0	10.0	88.0	17.0	40.45	42.55	Нет данных	760
2.0	20.0	78.0	10.05	56.18	33.77		
2.0	30.0	68.0	5.05	63.05	31.9		
2.0	40.0	58.0	3.7	67.07	29.23		
2.0	50.0	48.0	2.81	71.37	25.82		
2.0	60.0	38.0	2.27	75.96	21.77		
2.0	70.0	28.0	1.87	79.98	18.15		
2.0	80.0	18.0	1.8	84.56	13.64		
5.0	10.0	85.0	27.45	31.37	41.28		
5.0	20.0	75.0	17.8	49.11	33.09		
5.0	30.0	65.0	10.87	56.3	32.83		
5.0	40.0	55.0	7.25	63.65	29.1		
5.0	50.0	45.0	4.75	70.83	24.42		
5.0	60.0	35.0	3.76	75.71	20.53		
5.0	70.0	25.0	3.3	80.83	15.87		
5.0	80.0	15.0	2.69	84.87	12.44		
10.0	10.0	80.0	38.45	28.54	33.01		
10.0	20.0	70.0	25.5	44.8	29.7		
10.0	30.0	60.0	18.1	57.0	24.9		

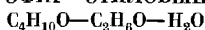
Таблица № 1941 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
изобутиловый спирт	этиловый спирт	вода	изобутиловый спирт	этиловый спирт	вода		
10.0	40.0	50.0	12.7	60.0	27.3	Нет данных	760
10.0	50.0	40.0	9.5	70.50	20.0		
10.0	60.0	30.0	7.32	72.78	19.9		
10.0	70.0	20.0	6.44	78.16	15.4		
10.0	80.0	10.0	6.39	83.95	9.66		
15.0	10.0	75.0	44.79	22.36	32.85		
15.0	20.0	65.0	31.5	37.25	31.25		
15.0	30.0	55.0	21.29	50.44	28.27		
15.0	40.0	45.0	16.38	58.21	25.41		
15.0	50.0	35.0	11.38	66.29	22.33		
15.0	60.0	25.0	9.64	72.37	17.99		
15.0	70.0	15.0	7.45	80.81	11.74		
15.0	80.0	5.0	5.85	88.18	5.97		
20.0	10.0	70.0	47.82	19.14	33.04		
20.0	20.0	60.0	34.71	35.47	29.82		
20.0	30.0	50.0	26.03	46.44	27.53		
20.0	40.0	40.0	18.8	55.56	25.64		
20.0	50.0	30.0	13.43	65.42	21.15		
20.0	60.0	20.0	11.64	70.78	17.58		
20.0	70.0	10.0	8.56	79.57	11.87		

№ 1942

ЭТИЛОВЫЙ ЭФИР—ЭТИЛОВЫЙ СПИРТ—ВОДА

[773]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этиловый эфир	этиловый спирт	вода	этиловый эфир	этиловый спирт	вода		
0.5	54.9	44.6	11.0	59.3	29.7	105	1.84
1.0	47.6	51.4	5.4	57.4	37.2	104	
0.8	23.4	75.8	7.4	51.4	41.2	103	
1.7	47.6	50.7	11.6	56.7	31.7	97	
1.7	83.7	14.6	7.7	80.3	12.0	96	
0.9	27.3	71.8	15.3	39.2	45.5	89	
6.0	68.9	25.1	34.5	49.1	16.4	83	
4.8	51.5	43.7	30.6	48.3	21.1	82	
6.9	79.8	13.3	33.8	49.0	17.2	82	
7.4	61.3	31.3	42.4	42.6	15.0	80	
3.1	46.7	50.2	28.4	47.0	24.6	78	
3.9	50.9	45.2	21.6	47.7	30.7	78	
4.1	79.1	16.8	28.2	58.2	13.6	75	
10.3	57.3	32.4	47.9	36.5	15.6	75	
0.9	15.8	83.3	29.6	37.2	33.2	74	
11.8	55.6	32.6	50.4	29.6	20.0	74	
12.1	44.5	43.4	60.3	27.4	12.3	74	
2.3	25.5	72.2	45.6	30.6	23.8	73	
13.9	44.0	42.1	61.4	26.0	12.6	73	
0.5	14.9	84.6	30.3	36.5	33.2	72	

Таблица № 1942 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этиловый эфир	этиловый спирт	вода	этиловый эфир	этиловый спирт	вода		
17.3	42.4	40.3	66.4	24.3	9.3	72	1.84
23.1	47.0	29.9	67.9	23.1	9.0	72	
24.2	38.2	37.6	69.4	20.9	9.7	72	
1.6	8.7	89.7	46.8	30.4	22.8	71	
2.3	16.6	81.1	67.2	30.7	2.1	71	
3.0	41.2	55.8	27.0	47.0	26.0	71	
27.0	47.7	25.3	69.3	22.6	8.1	71	
1.3	17.6	81.1	38.0	30.6	31.4	70	
2.3	30.7	67.0	38.8	38.7	22.5	70	
22.3	40.4	37.3	67.2	22.5	10.3	70	
36.8	44.7	18.5	73.3	20.3	6.4	70	
11.2	35.5	53.3	64.4	26.7	8.9	69	
18.5	45.4	36.1	67.6	24.0	8.4	69	
16.7	58.3	25.0	57.1	35.6	7.3	68	
32.0	50.7	17.3	70.2	21.7	8.1	68	
0.6	8.5	90.9	64.4	29.2	6.4	66	
0.8	8.1	91.1	64.3	32.2	3.5	66	
85.7	13.5	0.8	94.1	5.4	0.5	63	
3.9	9.2	86.9	75.8	15.2	9.0	62	
22.7	18.8	58.5	77.2	16.6	6.2	62	
0.1	3.9	96.0	0.3	20.2	79.5	—	
0.2	4.6	95.2	0.8	24.5	74.7	—	
1.0	55.7	43.3	1.6	64.9	33.5	—	
1.8	43.2	55.0	13.1	49.5	37.4	—	
2.4	65.3	32.3	12.6	59.2	28.2	—	
0.9	49.3	49.8	2.3	59.6	38.1	124	4.09
0.4	11.5	88.1	11.1	33.6	55.3	120	
2.8	54.6	42.6	12.4	59.7	27.9	117	
2.7	83.3	14.0	12.2	73.7	14.1	116	
4.0	82.2	13.8	17.8	69.6	12.6	115	
8.4	77.8	13.8	33.7	59.2	7.1	111	
6.2	56.0	37.8	31.1	48.2	20.7	109	
6.3	69.8	23.9	24.5	57.0	18.5	108	
7.4	72.1	20.5	27.2	57.5	15.3	108	
8.7	66.4	24.9	30.6	48.0	21.4	108	
0.9	52.1	47.0	3.2	63.0	33.8	106	
1.0	47.6	51.4	5.4	57.4	37.2	104	
6.9	51.7	41.4	33.8	43.1	23.1	104	
1.4	22.3	76.3	33.9	37.8	28.3	103	
4.7	44.5	50.8	31.0	43.8	25.2	103	
13.0	64.2	22.8	38.6	42.7	18.7	103	
1.5	58.1	40.4	6.3	64.5	29.2	102	
11.4	48.2	40.4	43.6	37.0	19.4	99	
0.4	14.1	85.5	46.5	42.6	10.9	98	
5.1	35.4	59.5	37.6	36.9	25.5	98	
7.1	40.6	52.3	39.3	40.4	20.3	98	
23.8	57.4	18.8	51.9	36.6	11.5	98	
11.3	48.9	39.8	46.3	38.8	14.9	97	
0.4	12.8	86.8	7.1	42.8	50.1	96	

Таблица № 1942 (продолжение)

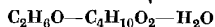
Состав жидкости, мол. %			Состав пара, мол. %			t	Р. атм
этиловый эфир	этиловый спирт	вода	этиловый эфир	этиловый спирт	вода		
0.7	8.3	91.0	8.5	26.9	64.6	96	4.09
25.0	42.9	32.1	54.6	25.3	20.1	94	
30.9	45.8	23.3	61.0	25.8	13.2	91	
57.4	31.9	10.7	73.7	15.6	10.7	91	
44.6	26.4	29.0	71.8	15.1	13.1	89	
50.6	48.4	1.0	74.0	26.0	0.0	89	
70.9	23.8	5.3	82.8	10.1	7.1	89	
49.3	24.1	26.6	72.4	15.3	12.3	88	
72.1	22.5	5.4	84.4	11.0	4.6	88	
85.7	9.7	4.6	93.6	4.4	2.0	88	
86.3	11.8	1.9	94.1	3.9	2.0	88	6.12
20.3	70.7	9.0	46.7	38.1	15.2	87	
1.6	40.4	58.0	18.6	55.9	25.5	—	
50.4	48.6	1.0	75.3	24.0	0.7	—	
0.3	3.3	96.4	0.5	20.4	79.1	157	
0.7	50.0	49.3	2.3	59.6	38.1	143	
7.4	88.9	3.7	13.6	83.9	2.5	143	
1.0	54.3	44.7	4.2	62.7	33.1	142	
0.7	24.1	78.2	15.6	48.7	35.7	139	
2.1	52.8	45.1	8.6	55.2	36.2	139	
1.3	83.3	15.4	3.7	83.0	13.3	138	8.50
5.8	66.8	27.4	16.6	59.9	23.5	138	
1.3	88.2	10.5	2.5	87.0	10.5	137	
2.8	72.5	24.7	6.7	73.3	20.0	136	
3.6	73.0	23.4	9.3	69.4	21.3	135	
2.0	65.5	32.5	5.4	68.4	26.2	134	
1.2	78.4	20.4	1.3	81.0	17.7	132	
2.0	29.2	68.8	21.7	50.7	27.6	129	
0.6	16.4	83.0	11.6	42.8	45.6	128	
4.8	54.7	40.5	18.6	55.3	26.1	125	
6.8	81.7	11.5	20.8	69.4	9.8	124	8.50
13.0	72.5	14.5	28.6	56.4	15.0	123	
4.0	34.6	61.4	39.8	44.9	15.3	122	
0.3	8.7	91.0	30.8	30.5	38.7	121	
3.3	44.1	52.6	25.5	49.0	25.5	119	
18.7	58.2	23.1	38.5	41.7	19.8	113	
11.3	25.7	63.0	55.9	31.6	12.5	110	
3.2	15.9	80.9	57.4	36.0	6.6	107	
66.9	29.5	3.6	80.0	17.0	3.0	106	
51.9	25.0	23.1	72.3	16.4	11.3	104	
53.2	42.1	4.7	74.2	25.1	0.7	103	8.50
89.2	5.0	5.8	91.5	5.4	3.1	103	
76.6	8.7	14.7	79.9	6.2	13.9	102	
1.6	15.5	82.9	42.8	33.5	23.7	—	
0.3	0.4	99.3	0.7	2.1	97.2	175	
0.4	0.4	99.2	0.4	4.7	94.9	175	
0.3	2.9	96.8	5.4	26.4	68.2	150	
3.3	92.0	3.8	11.3	88.7	0.0	148	
4.3	50.9	44.8	12.1	51.2	36.7	146	

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этиловый эфир	этиловый спирт	вода	этиловый эфир	этиловый спирт	вода		
6.9	67.7	25.4	17.2	61.8	21.0	142	8.50
8.1	89.5	2.4	19.0	78.8	2.2	142	
35.2	56.5	8.3	50.5	39.2	10.3	133	
6.0	52.2	41.8	20.1	48.8	31.1	129	
45.8	49.7	4.5	61.4	3.4	4.2	121	
58.4	37.8	3.8	73.6	24.9	1.5	121	
1.1	5.5	93.4	68.5	19.1	12.4	116	
87.5	6.8	5.7	89.5	5.4	5.1	116	
0.5	2.3	97.2	11.7	24.5	63.8	—	

№ 1943

ЭТИЛОВЫЙ СПИРТ—ЦЕЛЛОЗОЛЬВ—ВОДА

[333]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	цел- лозольв	вода	этиловый спирт	цел- лозольв	вода		
50.55	14.27	35.18	67.08	2.47	30.45	83.3	760
44.02	15.13	40.75	61.78	2.37	35.75	84.1	
37.98	15.29	46.65	58.15	2.71	39.13	85.0	
33.20	16.25	50.55	54.45	2.93	42.67	85.6	
25.32	13.51	61.08	49.00	2.80	48.24	86.9	
21.54	14.03	64.43	46.00	3.32	50.76	87.6	
18.58	14.33	67.02	42.86	3.61	53.54	—	
16.83	14.30	68.98	40.40	4.02	55.57	89.0	
15.13	14.02	70.90	38.18	4.22	57.60	89.6	
13.28	14.05	72.70	35.78	4.43	59.75	90.2	
10.73	14.53	74.82	31.78	5.28	63.00	91.4	
3.14	14.62	82.27	15.52	7.37	77.10	96.0	
60.73	24.45	14.79	81.30	3.59	15.11	85.5	
59.20	26.30	14.57	79.18	4.85	15.97	85.7	
53.68	27.60	18.76	74.50	4.55	20.93	86.2	
51.30	27.52	21.12	71.54	5.22	23.26	86.0	
46.76	28.15	25.04	68.22	4.87	26.88	85.5	
46.40	23.20	30.45	65.50	4.51	29.92	85.9	
43.28	24.13	32.46	63.17	4.77	32.02	86.0	
35.10	25.10	39.78	56.50	4.36	39.20	—	
31.30	23.73	44.98	53.50	4.89	41.57	87.2	
21.18	26.96	51.83	41.83	6.50	51.58	90.9	
17.82	26.80	55.35	38.00	6.92	55.06	91.6	
10.03	27.93	62.03	26.13	8.55	65.43	94.3	
3.95	27.08	69.00	14.90	10.26	74.80	96.9	
49.24	37.36	13.32	76.60	8.31	15.03	89.8	
42.43	47.55	10.02	73.28	10.94	15.77	93.3	
49.60	37.74	12.64	77.20	8.99	13.87	89.4	
46.35	39.10	14.56	73.58	8.20	18.18	90.0	
39.00	34.75	26.20	62.40	7.24	30.42	89.4	
31.94	39.48	28.53	55.92	9.33	34.77	91.0	
19.48	39.17	41.32	40.42	9.81	49.87	93.2	

Таблица № 1943 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	цел-ловольв	вода	этиловый спирт	цел-ловольв	вода		
39.07	45.65	15.30	69.90	13.53	16.56	93.3	760
32.55	51.17	16.26	60.95	12.49	26.48	94.8	
31.50	52.30	16.20	59.90	13.32	26.88	95.2	
28.25	47.70	24.07	53.15	11.82	35.02	94.3	
16.74	47.20	35.93	36.52	13.20	50.30	96.6	
8.00	50.00	42.00	21.15	16.07	62.80	98.7	
73.48	12.72	13.92	82.47	3.49	14.13	81.7	
67.50	15.63	16.90	79.35	2.43	18.25	82.3	
63.47	15.36	21.25	76.65	2.78	20.64	82.4	
57.75	13.52	28.76	71.70	2.18	26.05	82.5	
28.76	56.00	15.10	57.50	15.12	27.34	97.8	
21.86	57.94	20.22	47.10	17.03	35.82	98.9	
13.68	55.90	30.45	35.14	18.30	46.50	100.0	
9.66	58.80	31.40	23.82	20.27	55.92	102.1	
21.68	68.48	9.85	52.72	25.97	21.25	104.1	
13.58	18.67	7.85	38.40	35.38	26.17	110.0	
12.42	75.90	11.66	34.38	32.13	34.50	108.8	
6.38	88.00	5.64	22.65	48.67	28.65	117.0	
12.68	71.80	15.48	33.95	27.88	38.15	105.4	
14.12	66.05	19.81	35.20	23.74	41.00	103.8	
7.25	70.80	21.95	21.40	27.45	51.05	106.4	
8.96	43.43	47.53	22.35	13.87	63.72	98.2	
7.61	38.90	53.45	20.18	12.28	67.55	97.6	
23.85	69.95	8.24	56.60	24.40	19.00	103.6	
32.85	57.60	9.42	65.60	16.48	17.93	97.8	
42.32	45.25	12.43	72.15	11.03	16.84	92.8	
49.16	35.27	15.56	75.90	7.45	16.67	89.7	
58.15	27.45	14.32	78.65	4.83	16.47	86.3	
84.10	0.10	15.80	88.50	0.02	11.48	78.6	
69.05	0.20	30.75	83.00	0.48	16.52	78.6	
76.46	4.61	18.93	81.68	0.58	17.74	79.8	
73.92	5.08	21.70	79.98	1.15	18.87	80.0	
67.95	4.95	27.05	75.13	1.11	23.76	80.0	
50.90	4.66	44.50	65.75	0.81	33.36	81.2	
44.10	4.80	51.10	62.35	1.01	36.65	81.7	
33.22	4.84	61.90	57.55	1.15	41.25	83.0	
23.32	5.05	71.55	51.80	1.30	46.90	84.6	
17.14	4.81	78.00	46.43	1.51	52.05	86.3	
10.86	5.00	84.20	39.30	2.30	58.30	88.9	
4.71	5.03	90.30	26.13	3.15	70.80	92.8	

$$\lg \gamma_1 = \frac{1}{T} \left[\frac{9.05x_3}{x_1 + 1.15x_2 + 0.55x_3} \right]^2,$$

$$\lg \gamma_2 = \frac{1}{T} \left[\frac{8.35x_3}{0.87x_1 + x_2 + 0.478x_3} \right]^2,$$

$$\lg \gamma_3 = \frac{1}{T} \left[\frac{22.3x_1 + 24.65x_2}{1.82x_1 + 2.09x_2 + x_3} \right]^2.$$

Уравнения взяты из работы: R. R. White, Trans. Amer. Inst. Chem. Eng., 41, 529 (1945).

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	бензол	вода	этиловый спирт	бензол	вода		
24.9	0.8	74.3	41.0	26.8	32.2	Нет данных	760
25.0	1.2	73.8	34.3	37.6	28.1		
25.2	1.7	73.1	29.4	46.1	24.5		
27.1	3.3	69.6	26.6	52.2	21.2		
38.0	53.9	8.1	32.2	53.6	14.2		
39.3	54.2	6.5	34.3	53.7	12.0		
45.7	3.3	51.0	43.5	31.4	25.1		
45.7	4.0	50.3	40.9	34.8	24.3		
86.4	3.3	10.3	74.0	14.6	11.4		
88.0	1.4	10.6	84.2	5.1	10.7		

$$\lg \gamma_1 = \frac{1}{T} \left[\frac{13.0x_2 + 9.05x_3}{x_1 + 0.79x_2 + 0.55x_3} \right]^2,$$

$$\lg \gamma_2 = \frac{1}{T} \left[\frac{18.5x_1 + 20.9x_3}{1.265x_1 + x_2 + 0.696x_3} \right]^2,$$

$$\lg \gamma_3 = \frac{1}{T} \left[\frac{22.3x_1 + 35.3x_2}{1.82x_1 + 1.435x_2 + x_3} \right]^2.$$

Уравнения взяты из работы: R. R. White, Trans. Amer. Inst. Chem. Eng., 41, 539 (1946).

А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	бензол	вода	этиловый спирт	бензол	вода		
24.4	0.42	75.18	50.3	13.8	35.9	76.1	760
24.5	0.50	75.00	47.0	15.2	37.2	75.75	
24.8	0.62	74.58	44.9	19.1	36.0	75.0	
24.95	0.73	74.32	42.5	22.7	34.8	74.0	
25.0	0.85	74.15	40.7	27.5	31.8	73.25	
25.0	0.97	74.03	38.2	30.1	31.7	72.75	
25.0	1.10	73.90	36.5	33.5	30.0	72.25	
25.1	1.26	73.64	34.8	37.8	27.6	71.75	
25.1	1.40	73.50	32.8	41.0	26.4	71.25	
25.1	1.57	73.33	31.2	42.4	26.4	70.25	
27.0	1.80	71.20	35.4	36.6	28.0	70.55	
27.05	1.95	71.00	33.6	40.3	26.1	70.25	
27.08	2.12	70.80	32.4	42.7	24.9	69.75	

Таблица № 1945 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	бензол	вода	этиловый спирт	бензол	вода		
27.08	2.32	70.60	29.4	45.8	24.8	69.25	760
27.15	3.22	69.63	25.8	53.0	21.2	67.25	
27.15	3.43	69.42	25.8	53.0	21.2	66.75	
27.2	2.7	70.10	29.2	47.7	23.1	68.5	
27.2	3.05	69.75	27.9	50.1	22.0	67.75	
38.54	53.9	7.56	33.1	53.7	13.2	66.0	
38.7	54.0	7.30	33.4	53.7	12.9	66.05	
38.8	54.0	7.20	33.7	53.7	12.6	66.1	
39.1	54.1	6.8	34.3	53.7	12.0	66.15	
39.4	54.1	6.5	34.6	53.75	11.65	66.2	
39.5	54.2	6.30	34.7	53.7	11.6	66.2	
39.7	54.15	6.15	34.95	53.7	11.35	66.25	
45.64	4.16	50.20	40.6	35.3	24.1	70.65	
45.8	3.42	50.78	43.0	31.9	25.1	71.75	
46.61	1.39	52.00	54.75	13.55	31.70	76.0	
46.65	1.35	52.00	55.0	12.35	32.65	76.0	
46.75	1.98	51.27	49.2	20.3	30.5	75.0	
46.76	1.54	51.70	52.9	13.8	33.3	75.75	
46.76	1.74	51.50	49.9	18.35	31.75	75.50	
86.47	3.17	10.36	76.95	12.6	10.45	75.6	
86.64	2.96	10.40	77.6	11.75	10.65	75.85	
86.95	2.65	10.40	78.65	10.55	10.80	76.0	
87.4	2.4	10.20	79.6	9.6	10.8	76.25	
87.58	2.22	10.20	30.55	8.75	60.70	76.5	
87.7	2.0	10.30	81.2	8.1	10.7	76.5	
87.8	1.8	10.40	82.0	7.2	10.8	76.6	

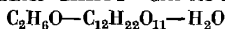
Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			органический слой			этиловый спирт	бензол	вода		
этиловый спирт	бензол	вода	этиловый спирт	бензол	вода					
4.8	0.1	95.1	2.0	96.3	1.7	10.9	64.3	24.8	67.0	760
7.7	0.2	92.1	4.6	93.3	2.1	16.0	60.1	23.9	66.0	
22.5	2.1	75.4	23.2	66.4	10.4	24.1	54.8	21.1	64.9	
27.7	4.8	67.5	28.1	55.5	16.4	24.8	54.3	20.9	64.9	
33.1	13.3	53.6	33.9	33.0	33.1	25.5	53.3	21.2	65.0	

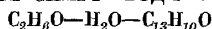
Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			бензольный слой			бензол	этиловый спирт	вода		
бензол	этиловый спирт	вода	бензол	этиловый спирт	вода					
0.1	5.6	94.3	98.2	1.4	0.4	74.5	9.2	16.3	35	192
0.3	15.4	84.3	89.9	8.0	2.1	69.2	17.9	12.9		212
1.5	24.1	74.4	81.6	14.5	3.9	66.0	20.0	14.0		216
3.3	29.8	66.9	74.6	19.7	5.7	65.2	20.8	14.0		219
6.4	34.8	58.8	64.9	25.5	9.6	64.4	21.6	14.0		217
12.4	38.6	49.0	50.8	32.0	17.2	64.0	22.0	14.0	45	214
0.1	5.1	94.8	97.9	1.7	0.4	73.2	9.6	17.2		298
0.3	14.0	85.7	88.9	8.6	2.5	63.6	19.3	17.1		336
1.2	21.7	77.1	80.1	15.6	4.3	64.5	20.5	15.0		344
2.7	27.0	70.3	72.7	21.3	6.0	63.0	21.5	15.5		346
5.3	32.0	62.7	61.9	27.0	11.1	63.5	22.0	14.5	55	344
0.1	4.4	95.5	97.2	2.3	0.5	70.5	10.3	19.2		452
0.3	12.4	87.3	87.9	9.2	2.9	62.5	20.8	16.7		505
1.0	19.5	79.5	78.9	16.4	4.7	60.9	21.6	17.5		516
2.2	25.0	72.8	70.4	22.2	7.4	59.0	23.0	18.0		523
4.7	30.0	65.3	58.6	27.8	13.6	57.8	23.5	18.7	64	521
0.1	3.7	96.2	97.1	2.0	0.9	67.7	11.0	21.3		634
0.2	10.8	89.0	87.3	9.9	2.8	60.0	22.2	17.8		718
0.8	17.2	82.0	77.6	17.4	5.0	56.9	22.6	20.5		732
2.0	23.5	74.5	68.5	22.8	8.7	57.6	24.1	18.3		739
4.2	28.0	67.8	56.3	28.4	15.3	55.0	24.4	20.6		738



Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	бензиловый спирт	этиловый спирт	вода		
50.0	50.0	0.0	67.2	32.8	Нет данных	41.5
48.45	48.45	3.1	64.8	35.2		39.8
45.6	45.6	8.8	60.8	39.2		36.5
41.95	41.95	16.1	58.3	41.7		33.8
37.9	37.9	24.2	55.8	44.2		31.9



Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	сахароза	вода	этиловый спирт	вода		
0.22	1.30	98.48	2.50	97.50	99.65	760
0.55	3.88	95.57	5.62	94.38	99.12	
0.66	0.83	98.51	7.22	92.78	98.03	
1.68	2.48	95.84	15.54	84.46	95.90	
1.91	0.40	97.69	17.24	82.76	95.39	
2.84	1.91	95.25	22.83	77.17	93.71	
3.33	4.05	92.62	26.04	73.96	93.05	
3.67	0.87	95.46	27.91	72.09	92.21	
4.52	5.06	90.42	31.02	68.98	91.44	
5.74	3.36	90.90	36.36	63.64	89.61	
6.97	1.44	91.59	39.44	60.56	88.34	
9.75	5.44	84.81	46.40	53.60	86.09	
10.89	2.13	86.98	47.29	52.71	85.61	
12.40	0.47	87.13	47.76	52.24	85.18	
12.50	3.69	83.81	50.14	49.86	84.70	
13.14	0.99	85.87	48.91	51.09	84.84	
16.00	3.02	80.98	53.43	46.57	83.53	
19.56	2.38	78.06	55.18	44.82	82.85	
20.55	6.23	73.22	58.84	41.16	82.02	
21.83	1.74	76.43	55.77	44.23	82.59	
22.09	0.52	77.39	53.97	46.03	82.67	
27.67	4.42	67.91	61.24	38.76	81.34	
29.76	3.54	66.70	59.51	40.49	80.85	
35.92	6.00	58.08	64.35	35.65	80.09	



Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	бензофенон	этиловый спирт	вода		
47.43	52.21	0.36	62.50	37.50	20	36
72.78	25.37	1.85	76.92	23.08		39
73.46	25.61	0.93	76.92	23.08		39
73.80	25.73	0.47	77.50	22.50		40
74.15	25.85	0.00	78.57	21.43		42
26.77	72.95	0.28	55.24	44.76	40	105
47.43	52.21	0.36	64.10	35.90		117
72.78	25.37	1.85	74.80	25.20		123
73.46	25.61	0.93	79.20	20.80		125
73.80	25.73	0.47	80.62	19.38		129
74.15	25.85	0.00	79.01	20.99	55	131
26.77	72.95	0.28	55.00	45.00		230

Таблица № 1949 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	бензофенон	этиловый спирт	вода		
47.43	52.21	0.36	62.55	37.45	55	251
72.78	25.37	1.85	74.64	25.36		280
73.46	25.61	0.93	77.06	22.94		279
73.80	25.73	0.47	79.70	20.30		271
74.15	25.85	0.00	79.41	20.59		272
26.77	72.95	0.28	54.41	45.59	75	567
47.43	52.21	0.36	59.69	40.31		614
72.78	25.37	1.85	72.49	27.51		658
73.46	25.61	0.93	73.86	26.14		658
73.80	25.73	0.47	74.62	25.38		654
74.15	25.85	0.00	78.63	21.37		655

№ 1950 ЭТИЛОВЫЙ СПИРТ—ВОДА—ТРИФЕНИЛКАРБИНОЛ [256]
 $C_2H_5O-H_2O-C_{19}H_{16}O$

Состав жидкости, мол. %			Состав пара, мол. %		t	P
этиловый спирт	вода	трифенил-карбинол	этиловый спирт	вода		
77.32	21.95	0.73	80.31	19.69	40	127
77.51	22.01	0.48	81.10	18.90		127
77.70	22.06	0.24	80.62	19.38		129
77.88	22.12	0.00	81.00	19.00		129
77.32	21.95	0.73	75.36	24.64	55	276
77.51	22.01	0.48	80.07	19.93		271
77.70	22.06	0.24	80.88	19.12		272
77.88	22.12	0.00	82.35	17.65		272
77.32	21.95	0.73	76.47	23.53	75	661
77.51	22.01	0.48	77.40	22.60		655
77.70	22.06	0.24	78.24	21.76		655
77.88	22.12	0.00	80.18	19.82		656

№ 1951 АЦЕТОН—ИЗОПРОПИЛОВЫЙ СПИРТ—ВОДА [438]
 $C_3H_6O-C_3H_8O-H_2O$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	изопро-пиловый спирт	вода	ацетон	изопро-пиловый спирт	вода		
0.3	1.2	98.5	14.0	17.8	68.2	90	760
0.4	7.5	92.1	9.7	40.5	49.8	82	
0.4	59.0	40.6	1.5	61.4	37.1	80	
0.4	64.4	35.2	0.9	66.0	33.1	80	
0.5	69.0	30.5	1.5	68.5	30.0	80	

Таблица № 1931 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	изопро- пиловый спирт	вода	ацетон	изопро- пиловый спирт	вода		
0.5	80.2	19.3	1.5	77.0	21.5	80	760
0.8	74.4	24.8	1.9	71.5	26.6	80	
0.9	24.3	74.8	10.2	46.4	43.4	80	
0.9	38.6	60.5	5.3	53.0	41.7	80	
0.9	76.6	22.5	1.5	74.4	24.1	80	
1.0	0.8	98.2	21.2	10.2	68.6	90	
1.0	52.0	47.0	3.0	59.0	38.0	80	
1.1	7.4	91.5	22.4	32.5	45.1	80	
1.2	6.2	92.6	13.8	37.2	40.0	82	
1.3	7.2	91.5	21.8	33.6	44.6	80	
1.4	4.4	94.2	21.8	29.3	48.9	82	
1.6	15.1	83.3	13.5	43.5	43.0	80	
1.6	27.8	70.6	9.0	48.0	43.0	80	
1.7	94.1	4.2	8.8	85.8	5.4	80	
1.75	17.5	80.75	12.2	44.8	43.0	80	
1.8	4.5	93.7	21.4	29.2	49.4	82	
2.0	1.9	96.1	34.9	15.3	49.8	82	
2.6	2.0	95.4	41.0	14.2	44.8	80	
3.4	3.6	93.0	45.2	16.5	38.3	77	
4.2	1.9	93.9	57.7	7.8	34.5	75	
4.7	2.2	93.1	55.1	10.1	34.8	75	
4.7	17.8	77.5	28.6	34.4	37.0	77	
5.0	4.0	91.0	52.5	14.0	33.5	73	
5.9	46.6	47.5	17.6	47.8	34.6	77	
6.5	13.0	80.5	37.7	26.6	35.7	75	
7.8	9.5	82.7	46.0	21.1	32.9	73	
8.2	29.4	62.4	32.8	34.2	33.0	75	
8.3	3.6	88.1	63.2	8.6	28.2	70	
9.0	48.0	43.0	28.4	42.1	29.5	75	
10.5	61.0	28.5	27.0	49.6	23.4	75	
10.8	67.5	21.7	27.3	53.1	19.6	75	
11.0	5.0	84.0	63.8	10.8	25.4	69	
12.4	29.0	58.6	40.0	29.6	30.4	73	
13.2	5.3	81.5	64.2	10.9	24.9	68	
14.0	58.0	28.0	33.8	45.6	20.6	73	
14.8	11.4	73.8	58.9	15.7	25.4	69	
15.5	15.0	69.5	53.0	19.4	27.6	70	
16.6	2.4	81.0	72.8	4.1	23.1	66	
19.0	12.0	69.0	60.0	15.0	25.0	68	
19.2	28.1	52.7	49.2	25.5	25.3	70	
19.8	3.4	76.8	73.1	4.9	22.0	65	
20.5	6.8	72.7	68.0	9.7	22.3	66	
21.2	18.2	60.6	53.7	21.9	24.4	69	
22.6	53.2	24.2	47.7	35.6	16.7	70	
22.7	55.0	22.3	47.4	36.6	16.0	70	
23.6	33.6	42.8	52.0	25.6	22.4	69	
24.6	5.7	69.7	73.7	3.7	22.6	65	
25.3	11.0	63.7	65.2	12.7	21.9	66	
26.2	49.2	24.6	49.7	33.3	17.0	69	

Таблица № 1951 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	изопропиловый спирт	вода	ацетон	изопропиловый спирт	вода		
26.6	28.2	45.2	56.0	22.0	22.0	68	760
26.9	5.2	67.9	74.7	4.6	20.7	64	
29.4	48.4	22.2	54.5	30.8	14.7	68	
32.4	19.7	47.9	64.0	16.4	19.6	66	
34.4	17.5	48.1	68.7	11.7	19.6	65	
35.6	6.4	58.0	74.5	5.9	19.6	63	
37.6	42.1	20.3	61.6	25.9	12.5	66	
38.2	27.4	34.4	63.9	18.9	17.2	65	
38.5	17.5	44.0	70.2	11.4	18.4	64	
38.9	24.2	39.9	67.4	15.4	17.2	64	
39.9	41.5	18.6	65.7	22.9	11.4	65	
41.0	3.9	55.1	76.6	5.1	18.3	62	
41.5	46.5	12.0	67.3	25.0	7.7	65	
43.6	38.6	17.8	68.3	21.2	10.5	64	
43.8	30.0	26.2	67.9	17.5	14.6	64	
44.8	17.5	37.7	71.6	12.5	15.9	63	
45.8	6.5	47.7	77.0	6.0	17.0	62	
46.0	22.8	31.2	69.8	14.3	15.9	63	
46.6	31.0	22.4	70.5	17.3	12.2	63	
50.2	16.1	33.7	74.6	9.5	15.9	62	
52.3	6.7	41.0	79.9	4.3	15.8	61	
52.4	26.7	20.9	73.1	15.3	11.6	62	
55.1	29.7	15.2	74.0	16.9	9.1	62	
56.9	5.0	38.1	82.6	2.6	14.8	60	
58.5	17.7	23.8	77.8	10.3	11.9	61	
62.0	26.4	11.9	79.5	14.4	6.1	61	
62.5	12.6	24.9	80.0	7.0	13.0	60	
65.2	6.2	28.6	83.7	3.1	13.2	59	
67.3	24.1	11.6	83.8	10.3	5.0	60	
69.9	10.5	19.6	85.5	4.0	10.5	59	
73.6	17.3	9.1	86.0	9.3	4.7	59	
75.7	5.9	18.4	86.5	3.6	9.9	58	
80.8	13.0	6.2	90.1	5.2	4.7	58	

№ 1952

[33]

ИЗОПРОПИЛОВЫЙ СПИРТ—АЛЛИЛОВЫЙ СПИРТ—ВОДА



Состав жидкости, мол. %			Состав пара, мол. %			t	P
изопропиловый спирт	аллиловый спирт	вода	изопропиловый спирт	аллиловый спирт	вода		
5.7	85.3	9.0	8.3	76.0	15.7	92.4	760
39.2	51.2	9.6	49.7	45.0	5.3	80.2	
16.5	73.5	10.0	21.4	61.8	16.8	90.2	
56.4	29.1	14.5	63.2	19.8	17.0	83.3	
61.0	18.1	20.9	54.5	23.1	22.4	80.8	
49.1	30.0	20.9	47.6	26.9	25.5	83.5	

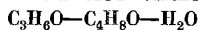
Таблица № 1952 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
изопропиловый спирт	аллиловый спирт	вода	изопропиловый спирт	аллиловый спирт	вода		
48.1	25.3	26.6	50.4	16.5	33.1	82.8	760
30.1	42.6	27.3	34.0	31.1	34.9	85.2	
65.8	0.6	33.6	66.2	0.4	33.4	79.3	
59.3	4.4	36.3	60.4	2.7	36.9	80.4	
53.2	8.6	38.2	58.2	5.5	36.3	81.0	
43.1	18.3	38.6	51.5	13.4	35.1	81.9	
41.2	18.6	40.2	46.3	12.9	40.8	82.5	
34.5	22.8	42.7	42.1	16.5	41.4	82.9	
41.9	15.2	42.9	49.7	11.0	39.3	81.9	
21.1	36.6	42.3	46.1	16.6	37.3	82.7	
4.9	52.0	43.1	6.2	45.9	47.9	87.2	
24.9	31.0	44.1	36.8	21.1	42.1	84.1	
24.5	30.1	45.4	31.6	23.2	45.2	84.5	
19.1	35.0	45.9	25.9	37.9	36.2	86.4	
32.7	20.4	46.9	42.8	16.5	40.7	83.3	
14.4	38.3	47.9	15.9	33.2	50.9	86.2	
15.5	36.2	48.3	22.4	29.6	48.0	85.4	
36.3	15.3	48.4	54.8	11.4	33.8	82.6	
25.6	25.3	49.1	32.1	20.1	47.8	83.4	
32.8	18.1	49.1	49.8	9.4	40.8	81.4	
4.0	44.8	51.2	6.5	43.2	50.3	88.1	
2.5	45.7	51.8	3.3	44.0	52.7	88.0	
1.4	46.5	52.1	2.4	45.3	52.3	88.0	
9.2	38.6	52.2	14.2	37.8	48.0	87.2	
6.6	41.2	52.2	7.5	37.6	5.9	—	
7.5	40.0	52.5	8.9	38.4	52.7	87.4	
4.7	42.4	52.9	6.4	37.6	56.0	87.9	
5.5	41.5	55.0	5.2	40.9	53.9	88.1	
1.0	42.6	56.4	3.5	42.6	53.9	—	
19.8	23.0	57.2	25.8	21.9	52.3	83.6	
19.5	18.3	62.2	36.0	18.0	46.0	82.2	
4.9	23.9	71.2	1.6	43.7	54.7	86.3	
1.4	18.6	80.0	1.1	29.4	69.5	87.9	
1.6	5.1	93.3	6.8	23.3	69.9	89.1	

№ 1953

АЦЕТОН—МЕТИЛЭТИЛКЕТОН—ВОДА

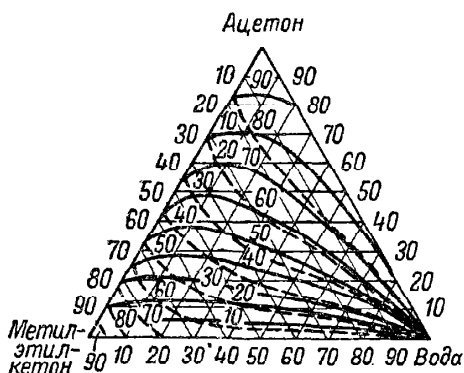
[825]

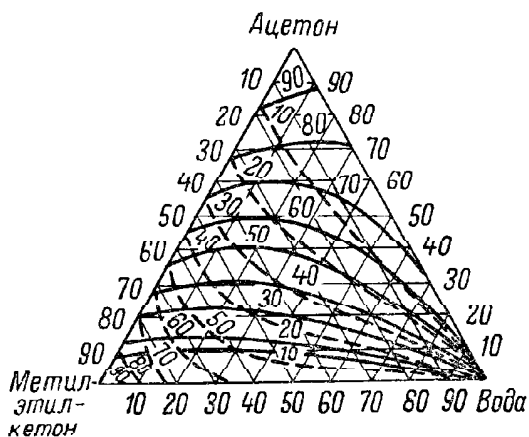


Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метилэтилкетон	вода	ацетон	метилэтилкетон	вода		
74.0	11.4	14.6	84.8	5.2	10.0	58.3	760
62.8	13.2	24.0	76.9	8.8	14.3	59.9	
61.4	26.0	12.6	72.8	16.3	10.9	62.1	
56.2	23.2	20.6	69.2	15.4	15.4	62.5	
52.3	10.5	37.2	74.0	8.3	17.7	61.8	
48.1	36.3	15.6	61.0	23.7	15.3	65.8	
42.4	36.3	21.3	58.1	24.4	17.5	66.8	
42.0	40.3	17.7	54.6	28.2	17.2	66.7	

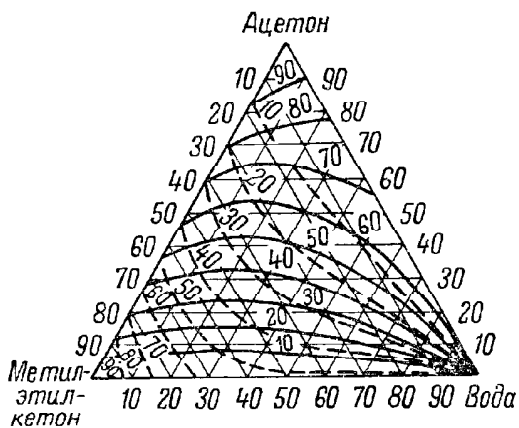
Таблица № 1953 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
ацетон	метилэтил-кетон	вода	ацетон	метилэтил-кетон	вода		
41.0	25.3	33.7	60.0	16.6	23.4	64.9	760
40.0	16.9	43.1	67.2	13.9	18.9	63.8	
38.8	24.4	36.8	61.9	18.5	10.6	65.0	
38.7	37.4	23.9	53.9	27.3	18.8	67.2	
37.6	8.6	53.8	72.7	9.4	17.9	63.9	
29.8	10.7	59.5	65.3	13.7	21.0	64.7	
29.7	49.5	20.8	42.4	36.6	21.0	67.8	
27.3	30.3	42.4	47.5	28.6	23.9	67.3	
26.5	41.4	32.1	42.3	33.3	24.4	67.8	
25.5	5.4	69.1	69.5	10.3	20.2	64.6	
20.8	35.3	43.9	39.7	34.4	25.9	68.3	
18.2	39.6	42.2	33.9	37.9	28.2	68.4	
16.3	5.0	78.7	62.0	14.8	23.2	66.2	
16.1	45.7	38.2	28.7	43.4	27.9	71.2	
15.9	31.5	52.5	33.4	38.6	28.0	69.9	
13.5	5.5	81.0	61.4	20.2	18.4	66.8	
12.7	17.8	69.5	36.9	35.2	27.9	67.5	
12.1	25.3	62.6	27.9	40.6	31.5	69.7	
12.0	78.5	9.5	18.7	64.0	17.3	72.3	
11.6	57.4	31.0	19.3	51.5	29.2	78.3	
11.1	12.0	76.9	38.6	33.2	28.2	67.8	
9.5	50.3	40.2	19.4	52.8	27.8	71.4	
8.9	42.0	49.1	8.5	48.7	42.8	71.3	
8.2	13.9	77.9	28.5	42.0	29.5	69.8	
7.9	9.3	82.8	35.5	35.8	28.7	69.4	
7.1	89.9	3.0	12.8	76.1	11.1	77.0	
5.5	3.9	90.6	50.2	24.1	25.7	73.1	
4.7	36.9	58.4	11.3	56.1	32.6	72.9	
2.2	8.0	89.8	17.5	48.6	33.0	70.5	

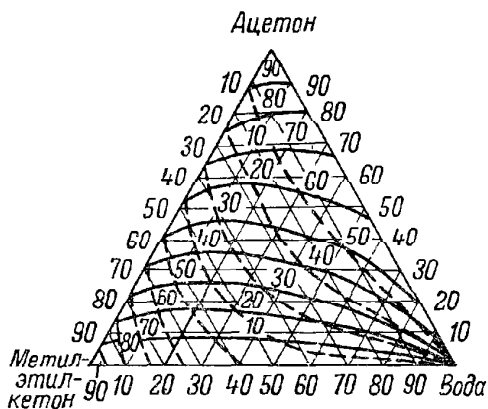
 $P = 1.0$ ата



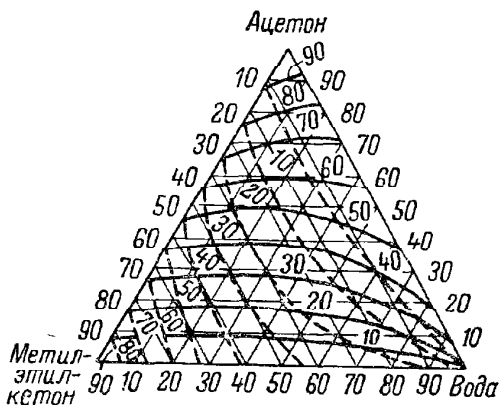
$$P = 3.4 \text{ ата}$$



$$P = 6.8 \text{ ата}$$



$P = 17.0$ ата



$P = 34.0$ ата

Сплошной линией дано содержание ацетона в паре, мол. %, прерывистой — метил-этилкетона в паре, мол. %.

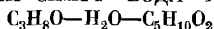
Состав жидкости, вес. %			Состав пара, вес. %			t	P
пропил- ацетат	пропило- вый спирт	вода	пропил- ацетат	пропило- вый спирт	вода		
0.5	5.0	94.5	42.9	25.1	32.0	58.95	200
0.5	10.0	89.5	29.6	39.7	30.7	57.40	
1.0	5.0	94.0	60.2	17.4	22.4	55.80	
1.0	10.0	89.0	44.4	31.7	23.9	55.75	
1.0	20.0	79.0	22.5	50.4	27.1	56.10	
1.0	30.0	69.0	12.6	57.5	29.9	56.40	
3.0	20.0	77.0	41.8	36.3	21.9	54.25	
3.0	30.0	67.0	26.9	47.2	25.0	55.42	
4.0	20.0	76.0	49.3	30.9	19.8	53.51	
5.0	30.0	65.0	36.2	40.7	23.1	54.60	
5.0	40.0	55.0	25.9	47.6	26.5	55.93	
8.0	30.0	62.0	45.9	33.5	20.6	53.61	
10.0	40.0	50.0	39.7	37.9	22.4	54.19	
10.0	50.0	40.0	31.6	44.8	23.6	54.85	
10.0	60.0	30.0	24.9	50.2	24.9	55.14	
10.0	70.0	20.0	21.8	55.5	22.7	55.52	
10.0	80.0	10.0	20.2	61.8	18.0	56.86	
20.0	50.0	30.0	44.2	35.2	20.6	53.71	
20.0	60.0	20.0	37.8	42.0	20.2	54.18	
20.0	70.0	10.0	33.6	50.2	16.2	55.6	
30.0	40.0	30.0	56.5	25.6	17.9	52.34	
30.0	50.0	20.0	49.9	31.5	18.6	53.00	
30.0	60.0	10.0	44.6	39.8	15.6	54.31	
40.0	40.0	20.0	60.0	23.4	16.6	52.05	
40.0	50.0	10.0	52.9	32.4	14.7	53.30	
50.0	40.0	10.0	60.5	25.4	14.1	52.25	
60.0	35.0	5.0	63.0	25.4	10.7	53.23	
64.0	26.0	10.0	69.6	16.5	13.9	51.00	
70.0	26.0	4.0	68.9	20.6	10.5	52.76	
80.0	17.0	3.0	74.0	16.0	10.0	52.69	
90.0	8.0	2.0	81.8	8.8	9.4	52.85	
0.5	5.0	94.5	37.6	27.9	34.5	74.48	400
0.5	10.0	89.5	25.1	42.9	32.0	72.88	
1.0	5.0	94.0	54.3	20.4	25.3	71.35	
1.0	10.0	89.0	37.8	35.8	26.4	71.20	
1.0	20.0	79.0	18.5	53.3	28.2	71.51	
1.0	30.0	69.0	10.5	59.1	30.4	71.70	
3.0	20.0	77.0	36.6	40.0	23.4	69.78	
3.0	30.0	67.0	22.9	50.2	26.9	70.79	
4.0	20.0	76.0	43.2	35.3	21.5	69.12	
5.0	30.0	65.0	31.5	43.8	24.7	70.03	
5.0	40.0	55.0	22.9	50.3	26.8	70.63	
8.0	30.0	62.0	40.5	37.2	22.3	63.25	
10.0	40.0	50.0	35.3	41.3	23.4	69.65	
10.0	50.0	40.0	28.2	47.4	24.4	70.27	
10.0	60.0	30.0	22.2	52.8	25.0	70.55	
10.0	70.0	20.0	19.0	58.0	23.0	70.87	
10.0	80.0	10.0	17.3	65.0	17.7	72.34	

Таблица № 1954 (продолжение)

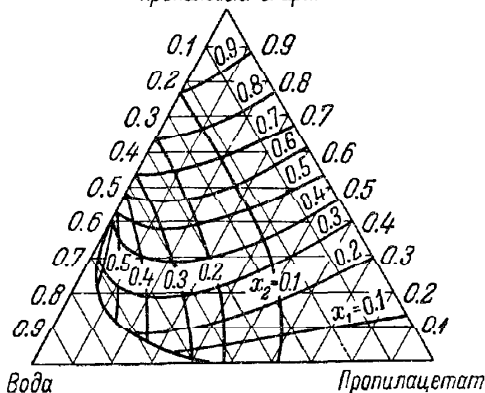
Состав жидкости, вес. %			Состав пара, вес. %			t	P
пропил-ацетат	пропило-вый спирт	вода	пропил-ацетат	пропило-вый спирт	вода		
20.0	50.0	30.0	39.7	38.8	21.5	69.35	400
20.0	60.0	20.0	34.0	45.0	21.0	69.78	
20.0	70.0	10.0	30.2	53.2	16.6	71.15	
30.0	40.0	30.0	52.3	28.5	19.2	67.90	
30.0	50.0	20.0	45.7	34.8	19.5	68.70	
30.0	60.0	10.0	39.9	44.1	16.0	70.08	
40.0	40.0	20.0	55.8	26.2	18.0	67.71	
40.0	50.0	10.0	48.8	35.9	15.3	69.10	
50.0	40.0	10.0	56.8	28.2	15.0	67.93	
60.0	35.0	5.0	61.5	27.4	11.1	69.15	
64.0	26.0	10.0	66.4	18.4	15.2	66.72	600
70.0	26.0	4.0	66.5	22.8	10.7	68.90	
80.0	17.0	3.0	72.5	17.3	10.2	69.02	
90.0	8.0	2.0	80.9	9.5	9.6	69.74	
0.5	5.0	94.5	33.5	30.0	36.5	84.60	
0.5	10.5	89.5	21.7	45.2	33.1	82.93	
1.0	5.0	94.0	50.1	22.5	27.4	81.74	
1.0	10.0	89.0	32.9	38.8	28.3	81.17	
1.0	20.0	79.0	15.7	55.3	29.0	81.48	
1.0	30.0	69.0	9.1	60.3	30.6	81.55	
3.0	20.0	77.0	33.1	42.6	24.3	79.88	
3.0	30.0	67.0	20.4	52.2	27.4	80.72	
4.0	20.0	76.0	39.3	38.4	22.3	79.22	
5.0	30.0	65.0	28.4	46.0	25.6	80.00	
5.0	40.0	55.0	21.0	52.1	20.9	80.50	
8.0	30.0	62.0	37.1	39.7	23.2	79.18	
10.0	40.0	50.0	31.8	43.8	24.4	79.54	
10.0	50.0	40.0	26.3	48.6	25.1	80.22	
10.0	60.0	30.0	20.6	54.3	25.1	80.44	
10.0	70.0	20.0	17.5	59.3	23.2	80.72	
10.0	80.0	10.0	15.8	66.7	17.5	82.22	760
20.0	50.0	30.0	37.5	40.4	22.1	79.13	
20.0	60.0	20.0	32.0	46.4	21.6	79.66	
20.0	70.0	10.0	27.9	55.5	16.6	81.13	
30.0	40.0	30.0	49.5	30.4	20.1	77.90	
30.0	50.0	20.0	42.9	37.1	20.0	78.73	
30.0	60.0	10.0	37.2	46.5	16.3	80.14	
40.0	40.0	20.0	52.7	28.3	19.0	77.73	
40.0	50.0	10.0	46.2	38.1	15.7	79.24	
50.0	40.0	10.0	54.5	30.1	15.4	78.00	
60.0	35.0	5.0	59.9	28.7	11.4	79.54	
64.0	26.0	10.0	64.1	19.7	16.2	76.82	
70.0	26.0	4.0	64.8	24.4	10.8	79.40	
80.0	17.0	3.0	71.5	18.2	10.3	79.54	
90.0	8.0	2.0	80.2	10.3	9.5	80.87	
0.5	5.0	94.5	31.0	31.2	37.8	90.75	
0.5	10.0	89.5	19.7	46.8	33.5	89.05	
1.0	5.0	94.0	47.2	23.8	29.0	87.90	
1.0	10.0	89.0	29.8	40.7	29.5	87.50	

Таблица № 1954 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
пропил- ацетат	пропило- вый спирт	вода	пропил- ацетат	пропило- вый спирт	вода		
1.0	20.0	79.0	14.2	56.3	29.5	87.66	760
1.0	30.0	69.0	8.0	61.0	31.0	87.65	
3.0	20.0	77.0	31.1	44.0	24.9	86.00	
3.0	30.0	67.0	18.5	53.4	28.1	86.83	
4.0	20.0	76.0	36.0	40.2	22.9	88.43	
5.0	30.0	65.0	26.3	47.6	26.1	86.15	
5.0	40.0	55.0	19.8	59.0	27.2	86.59	
8.0	30.0	62.0	34.9	41.2	23.9	85.31	
10.0	40.0	50.0	30.5	45.1	24.4	85.63	
10.0	50.0	40.0	25.0	50.0	25.0	86.14	
10.0	60.0	30.0	19.7	55.0	25.3	86.50	
10.0	70.0	20.0	16.9	59.8	23.3	86.77	
10.0	80.0	10.0	15.2	67.5	17.3	88.29	
20.0	50.0	30.0	35.9	41.6	22.5	85.36	
20.0	60.0	20.0	30.5	47.9	21.6	85.77	
20.0	70.0	10.0	26.8	56.4	16.8	87.28	
30.0	40.0	30.0	48.1	31.5	20.4	84.08	
30.0	50.0	20.0	41.2	38.4	20.4	84.85	
30.0	60.0	10.0	36.5	47.3	16.2	86.31	
40.0	40.0	20.0	50.7	29.4	19.9	83.81	
40.0	50.0	10.0	44.6	39.5	15.9	85.33	
50.0	40.0	10.0	52.7	31.4	15.9	84.24	
60.0	35.0	5.0	58.5	30.0	11.5	85.92	
64.0	26.0	10.0	62.8	20.5	16.7	83.13	
70.0	26.0	4.0	63.9	25.1	11.0	85.92	
80.0	17.0	3.0	70.9	18.7	10.4	86.28	
90.0	8.0	2.0	79.8	10.7	9.5	87.78	

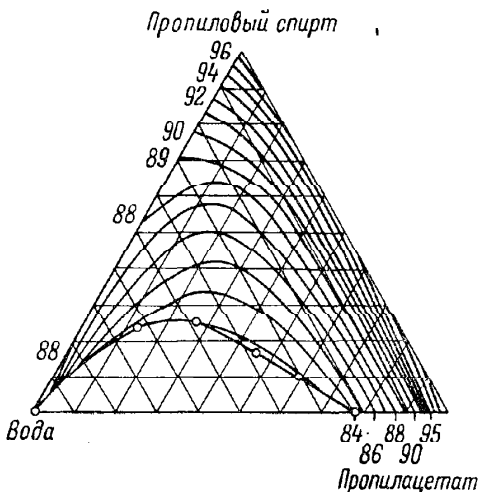


Пропиловый спирт



Равновесие жидкость—пар в гомогенной области. Состав жидкой фазы определяется точкой пересечения кривых x_1 и x_2 (в мол. долях). Состав равновесной паровой фазы определяется значениями концентраций компонентов (в мол. долях) для той же точки, отсчитываемых по шкале треугольника.

$P = 760$ мм



Температура кипения растворов.
Состав выражен в мол. долях

$P = 760$ мм

Состав жидкости, вес. %			Состав пара, вес. %			Коэффициент активности			t	P
изопропиловый спирт	фенол	вода	изопропиловый спирт	фенол	вода	изопропиловый спирт	фенол	вода		
28.4	18.2	53.4	64.9	0.7	34.4	2.16	7.0	1.14	15	19.0
25.8	18.1	56.1	64.3	0.7	35.0	2.35	5.0	1.12	25	35.2
24.2	19.2	56.6	63.5	0.8	35.7	2.43	5.4	1.12	35	62.6
22.2	20.5	57.3	61.7	1.2	37.1	2.56	5.8	1.14	45	108.2
19.8	22.4	57.8	59.4	1.6	39.0	2.73	6.0	1.14	55	178
16.4	25.0	58.6	53.8	2.3	43.9	2.75	6.1	1.14	65	275
13.6	27.5	58.9	48.4	3.0	48.6	2.73	6.4	1.14	70	330
11.4	29.4	59.2	41.2	4.0	54.8	2.90	7.3	1.12	72.5	355
8.0	32.3	59.7	37.5	4.6	57.9	3.2	7.1	1.11	74.2	360
3.1	34.1	62.8	22.1	6.2	71.7	4.1	7.4	1.10	72.5	300
1.1	33.8	65.1	6.9	8.3	84.8	3.8	6.0	1.09	70	244
0.0	33.5	66.5	0.0	8.0	92.0	—	7.6	1.08	68.5	221

Состав жидкости, вес. %						Состав пара, вес. %			t	P
водный слой			органический слой			изопропило- ловый спирт	фенол	вода		
изопропи- ловый спирт	фенол	вода	изопропи- ловый спирт	фенол	вода					
17.6	6.2	76.2	33.5	35.4	31.1	60.6	1.1	38.3	15	18.7
18.2	6.6	75.2	33.8	33.4	32.8	63.2	0.8	36.0		18.8
21.6	9.2	69.2	33.6	29.0	37.4	64.0	0.8	35.2		18.8
23.2	10.9	65.9	32.9	26.1	41.0	64.3	0.7	35.0		18.9
28.4	18.2	53.4	28.4	18.2	53.4	64.6	0.7	34.7		18.9
0.0	8.5	91.5	0.0	71.0	29.0	0.0	4.7	95.3	25	23.7
0.6	8.1	91.3	2.0	70.0	28.0	3.9	3.9	92.2		24.3
2.7	7.2	90.1	8.6	65.9	25.5	19.3	2.8	77.9		25.8
4.0	6.8	89.2	12.1	63.3	24.6	28.0	1.7	70.3		26.6
5.9	6.2	87.9	16.4	59.4	24.2	35.7	1.9	62.4		27.9
9.4	5.8	84.8	25.2	49.0	25.8	50.3	1.1	48.6		31.1
12.1	6.0	81.9	29.0	42.0	29.0	55.9	1.0	43.1		33.0
14.8	6.6	78.6	30.8	36.6	32.6	59.4	0.8	39.8		33.6
16.9	7.7	75.4	31.3	33.1	35.6	61.5	0.8	37.7		34.4
19.9	10.0	70.1	30.7	27.8	41.5	63.8	0.8	35.4		35.0
22.1	12.9	65.0	29.1	23.7	47.2	64.3	0.9	34.8		35.1
25.8	18.1	56.1	25.8	18.1	56.1	64.3	0.8	34.9		35.2
17.2	10.4	72.4	29.0	30.0	41.0	61.8	1.1	37.1	35	62.2
19.0	12.3	68.7	28.3	27.7	44.0	63.0	1.0	36.0		62.4
20.5	14.0	65.5	27.4	25.0	47.6	63.4	0.7	35.9		62.5

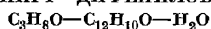
Таблица № 1957 (продолжение)

Состав жидкости, вес. %						Состав пара, вес. %			t	P
водный слой			органический слой			изопропи- ловый спирт	фенол	вода		
изопропи- ловый спирт	фенол	вода	изопропи- ловый спирт	фенол	вода					
24.2	19.2	56.6	24.2	19.2	56.6	63.5	0.8	35.7	35	62.6
15.0	11.0	74.0	26.6	31.4	42.0	60.2	1.3	38.5	45	107.0
18.1	13.9	68.0	25.5	27.3	47.2	61.2	1.2	37.6		107.9
22.2	20.5	57.3	22.2	20.5	57.3	61.7	1.2	37.1		108.2
14.8	13.5	71.7	23.2	31.5	45.3	58.5	1.7	39.8	55	175
16.1	15.5	68.4	22.7	28.9	48.4	59.1	1.5	39.4		177
19.8	22.4	57.8	19.8	22.4	43.8	59.4	1.6	39.0		178
12.6	17.4	70.0	18.5	32.8	48.7	52.7	2.4	44.9	65	273
13.3	18.7	68.0	18.3	31.8	49.9	53.5	2.3	44.2		275
16.4	25.0	58.6	16.4	25.0	58.6	53.8	2.3	43.9		275
1.1	33.8	65.1	1.1	33.8	65.1	6.9	8.3	84.8	70	244
1.7	24.3	74.0	3.3	43.2	53.5	—	—	—		—
8.8	18.4	72.8	14.2	38.9	46.9	—	—	—		—
10.6	21.2	68.2	15.2	35.6	49.2	—	—	—		—
13.6	27.5	58.9	13.6	27.5	58.9	48.4	3.0	48.6		330
3.1	34.1	62.8	3.1	34.1	62.8	22.1	6.2	71.7	72.5	300
8.3	23.1	68.6	11.5	36.4	52.1	—	—	—		—
11.4	29.4	59.2	11.4	29.4	59.2	41.2	4.0	54.8		355

№ 1958

[160]

ПРОПИЛОВЫЙ СПИРТ—ДИФЕНИЛОВЫЙ ЭФИР—ВОДА



Состав жидкости, мол. %						Состав пара, мол. %			t	P
верхний слой			нижний слой			пропиловый спирт	дифениловый эфир	вода		
пропиловый спирт	дифениловый эфир	вода	пропиловый спирт	дифениловый эфир	вода					
0.0	99.9	0.06	0.0	0.01	99.9	0.0	15.0	85.0	25	Нет данных
5.6	91.7	2.7	5.5	0.01	94.5	30.9	0.13	69.0		
15.9	80.0	4.1	7.7	0.04	92.3	34.5	0.09	65.4		
21.9	72.5	5.6	12.8	0.20	87.0	34.8	0.06	65.1		
24.2	69.8	6.0	18.5	0.30	81.2	35.5	0.03	64.5		
24.7	68.8	6.5	21.5	0.54	78.0	35.6	0.03	64.4		
24.8	68.6	6.6	25.4	1.0	73.6	35.7	0.03	64.3		
25.1	68.2	6.7	27.6	1.2	71.2	—	—	—		
26.7	65.6	7.7	30.8	1.8	67.4	36.0	0.17	63.8		
28.0	64.1	7.9	34.1	2.3	63.6	—	—	—		
28.5	63.3	8.2	36.3	2.9	60.8	36.1	0.18	63.7		
29.2	62.3	8.5	39.2	3.3	57.5	—	—	—		
30.8	59.8	9.4	45.7	5.8	48.5	36.3	0.19	63.5		
31.9	58.4	9.7	49.5	8.8	41.7	—	—	—		
41.5	42.2	16.3	51.2	11.9	36.9	36.8	0.21	63.0		



Состав жидкости, мол. %						Состав пара, мол. %			t	P, ата
водный слой			углеводородный слой			бутулен	бутан	вода		
бутулен	бутан	вода	бутулен	бутан	вода					
0	0.0051	99.9949	0	99.94	0.06	0	98.49	1.51	37.8	3.550
0.0022	0.0046	99.9934	9.99	89.94	0.07	11.53	87.00	1.47		3.624
0.0044	0.0041	99.9915	19.99	79.93	0.08	22.89	75.68	1.43		3.706
0.0066	0.0036	99.9898	29.98	69.93	0.09	33.83	64.79	1.38		3.781
0.0088	0.0031	99.9881	39.96	59.94	0.10	44.09	54.57	1.34		3.862
0.0110	0.0026	99.9864	49.95	49.94	0.11	53.89	44.81	1.30		3.937
0.0131	0.0021	99.9848	59.92	39.95	0.13	63.31	35.43	1.26		4.005
0.0153	0.0016	99.9831	69.91	29.96	0.13	72.43	26.35	1.22		4.080
0.0174	0.0011	99.9815	79.89	19.97	0.14	81.34	17.48	1.18		4.148
0.0196	0.0006	99.9798	89.87	9.98	0.15	90.12	8.74	1.14		4.216
0.0218	0	99.9782	99.84	0	0.16	98.90	0	1.10		4.284
0	0.0062	99.9938	0	99.71	0.29	0	96.79	3.21	71.1	8.460
0.0026	0.0056	99.9918	9.97	89.71	0.32	10.82	86.04	3.14		8.617
0.0052	0.0050	99.9898	19.93	79.72	0.35	21.49	75.44	3.07		8.840
0.0078	0.0044	99.9878	29.88	69.74	0.38	31.90	65.10	3.00		8.996
0.0104	0.0038	99.9858	39.84	59.76	0.40	42.04	55.02	2.94		9.146
0.0131	0.0032	99.9837	49.79	49.78	0.43	51.83	45.29	2.88		9.296
0.0157	0.0025	99.9818	59.72	39.82	0.46	61.25	35.93	2.82		9.441
0.0182	0.0019	99.9799	69.66	29.85	0.49	70.43	26.81	2.76		9.588
0.0209	0.0013	99.9778	79.58	19.90	0.52	79.48	17.81	2.71		9.731
0.0234	0.0007	99.9759	89.50	9.95	0.55	88.45	8.89	2.66		9.833
0.0262	0	99.9738	99.43	0	0.57	97.40	0	2.60		9.989
0	0.0102	99.9898	0	99.04	0.96	0	94.45	5.55	104.4	17.632
0.0037	0.0093	99.9870	9.90	89.08	1.02	10.13	84.38	5.49		17.932
0.0075	0.0083	99.9842	19.78	79.13	1.09	20.21	74.35	5.44		18.224
0.0113	0.0073	99.9814	29.65	69.20	1.15	30.14	64.48	5.38		18.510
0.0152	0.0063	99.9785	39.52	59.27	1.21	39.89	54.78	5.33		18.795
0.0192	0.0053	99.9755	49.37	49.36	1.27	49.48	45.25	5.27		19.067
0.0231	0.0043	99.9726	59.19	39.47	1.34	58.76	36.01	5.23		19.346
0.0271	0.0033	99.9696	69.02	29.58	1.40	67.87	26.95	5.18		19.618
0.0311	0.0022	99.9667	78.83	19.71	1.46	76.92	17.95	5.13		19.890
0.0352	0.0012	99.9636	88.63	9.85	1.52	85.94	8.98	5.08		20.155
0.0394	0	99.9606	98.42	0	1.58	94.97	0	5.03		20.414
0	0.0183	99.9817	0	97.16	2.84	0	92.82	7.18	137.8	33.408
0.0060	0.0167	99.9773	9.70	87.33	2.97	9.59	83.34	7.07		33.925
0.0121	0.0150	99.9729	19.38	77.52	3.10	19.19	73.85	6.96		34.428
0.0185	0.0132	99.9683	29.03	67.73	3.24	28.81	64.32	6.87		34.925
0.0249	0.0114	99.9637	38.65	57.97	3.38	38.35	54.85	6.80		35.408
0.0314	0.0096	99.9590	48.23	48.24	3.53	47.72	45.52	6.76		35.870
0.0378	0.0077	99.9545	57.80	38.53	3.67	56.89	36.36	6.75		36.312
0.0444	0.0058	99.9498	67.32	28.86	3.82	66.00	27.25	6.75		36.747
0.0511	0.0039	99.9450	76.83	19.21	3.96	75.08	18.15	6.77		37.162
0.0578	0.0020	99.9402	86.31	9.59	4.10	84.11	9.08	6.81		37.570
0.0647	0	99.9353	95.75	0	4.25	93.14	0	6.86		37.971

1 2 3



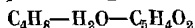
t	Коэффициенты Маргулеса							Упругости пара чистых веществ, мм		
	A_{12}	A_{21}	A_{13}	A_{31}	A_{23}	A_{32}	C	изобутан	бүтилен	вода
37.8	0	0	4.35	3.50	3.58	2.53	1.0	3720	3232	49.4
65.3	0	0	4.04	2.78	3.52	2.08	1.1	7399	6511	192.0
93.3	0	0	3.78	2.20	3.46	1.69	1.2	13256	11790	596.0

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] + x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C (1 - 2x_1)],$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] + x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C (1 - 2x_2)],$$

$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] + x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C (1 - 2x_3)].$$

1 2 3

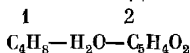


t	Коэффициенты Маргулеса							Упругости пара чистых веществ, мм		
	A_{12}	A_{21}	A_{13}	A_{31}	A_{23}	A_{32}	C	бутилен	вода	фурфурол
37.8	3.58	2.53	0.842	1.029	1.072	2.114	0.96	3232	49.4	4.7
65.6	3.52	2.08	0.763	0.951	0.909	1.945	0.67	6511	192.0	22.2
93.3	3.46	1.69	0.700	0.900	0.780	1.748	0.40	11790	596.0	76.8

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] + x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C (1 - 2x_1)],$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] + x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C (1 - 2x_2)],$$

$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] + x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C (1 - 2x_3)].$$



Состав жидкости, мол. %			t	P	Состав жидкости, мол. %			t	P
бутилен	вода	фурфурол			бутилен	вода	фурфурол		
4.00	16.93	79.07	37.8	750	33.89	4.33	61.78	65.6	4125
5.32	8.17	86.51		762	27.55	10.43	62.02		4114
13.63	9.13	77.24		1524	31.03	6.91	62.06		4119
12.79	12.16	75.05		1526	27.30	11.46	61.24		4128
18.26	8.68	73.06		1795	6.01	15.04	78.95	93.3	2833
18.74	7.83	73.43		1796	6.79	11.01	82.20		2826
28.85	6.00	65.15		2059	11.08	7.71	81.21		3853
29.89	4.59	65.52		2046	9.24	15.61	75.15		3865
27.55	6.83	65.62		2044	14.76	9.35	75.89		4898
7.52	15.54	76.94	65.6	2046	12.59	14.75	72.66		4889
8.84	9.72	81.44		2051	19.67	10.32	70.01		5941
13.61	10.01	76.38		2835	16.89	13.80	69.31		5934
12.11	14.06	73.83		2828					

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1(A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1(A_{31} - A_{13})] + \\ + x_2x_3 [A_{21} + A_{13} - A_{32} + 2x_1(A_{31} - A_{13}) + 2x_3(A_{32} - A_{23}) - C_{123}(1 - 2x_1)],$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2(A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2(A_{12} - A_{21})] + \\ + x_1x_3 [A_{32} + A_{21} - A_{13} + 2x_2(A_{12} - A_{21}) + 2x_1(A_{13} - A_{31}) - C_{123}(1 - 2x_2)],$$

$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3(A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3(A_{23} - A_{32})] + \\ + x_1x_2 [A_{13} + A_{32} - A_{21} + 2x_3(A_{23} - A_{32}) + 2x_2(A_{21} - A_{12}) - C_{123}(1 - 2x_3)].$$

t	Коэффициенты Маргулеса							Упругость пара чистых веществ, мм		
	A ₁₂	A ₂₁	A ₁₃	A ₃₁	A ₂₃	A ₃₂	C ₁₂₃	бутилен	вода	фурфурол
37.8	3.58	2.53	0.760	0.977	1.072	2.114	0.96	2371	49.1	4.7
65.6	3.52	2.08	0.686	0.902	0.909	1.945	0.67	5027	192.0	22.2
93.3	3.46	1.69	0.624	0.840	0.780	1.748	0.40	9462	596.0	76.8

ВТОРИЧНЫЙ БУТИЛОВЫЙ СПИРТ—МЕТИЛЭТИЛКЕТОН—ВОДА



А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
вторичный бутиловый спирт	метилэтил- кетон	вода	вторичный бутиловый спирт	метилэтил- кетон	вода		
18.1	72.0	9.9	7.5	80.0	12.5	42.68	200
16.0	64.0	20.0	6.7	72.3	21.0	42.61	
14.0	56.0	30.0	6.0	65.1	28.9	42.36	
12.1	47.8	40.1	6.0	62.0	32.0	42.61	
10.1	39.7	50.2	5.9	61.0	33.1	42.56	
0.5	2.0	97.5	4.5	54.4	41.1	47.68	
0.4	1.6	98.0	4.1	50.5	45.4	50.47	
36.2	53.9	9.9	15.0	68.8	16.2	46.53	
32.1	48.0	19.9	13.4	63.9	22.7	45.59	
28.1	42.0	29.9	12.2	58.2	29.6	45.09	
24.0	36.0	40.0	10.5	55.9	33.6	45.12	
20.0	30.0	50.0	9.8	55.5	34.7	45.23	
16.0	24.0	60.0	9.5	54.5	36.0	45.34	
1.1	1.5	97.4	11.6	42.5	45.9	49.84	
0.9	1.1	98.0	10.1	36.9	53.0	52.46	
54.2	35.9	9.9	27.1	53.9	19.0	50.04	
48.3	32.0	19.7	22.3	53.1	24.6	49.02	
42.2	28.0	29.8	18.8	45.7	35.5	48.76	
36.0	24.0	40.0	16.0	45.2	38.8	48.16	
30.0	20.0	50.0	16.8	44.0	39.2	48.31	
24.0	16.0	60.0	17.1	42.4	40.5	48.55	
21.0	13.9	65.1	16.7	42.7	40.6	48.67	
1.5	1.0	97.5	12.0	37.5	50.5	51.45	
1.2	0.8	98.0	10.0	36.5	53.5	53.86	
72.0	18.0	10.0	43.4	41.5	15.1	55.78	
64.0	16.0	20.0	38.3	34.3	27.4	53.68	
56.0	14.0	30.0	32.1	30.6	37.3	52.97	
48.0	12.0	40.0	30.2	27.3	42.5	52.52	
40.0	10.0	50.0	27.6	29.2	43.2	52.02	
32.0	8.0	60.0	26.9	28.5	44.6	52.67	
28.0	7.0	65.0	26.9	27.7	45.4	52.72	
2.0	0.5	97.5	25.5	25.2	49.3	53.66	
1.6	0.4	98.0	25.2	18.0	56.8	55.48	
18.1	72.0	9.9	7.5	71.8	20.7	60.59	400
16.0	64.0	20.0	7.2	66.4	26.4	59.32	
14.0	56.0	30.0	6.4	60.5	33.1	59.00	
12.1	47.8	40.1	6.1	60.1	33.8	59.08	
10.1	39.7	50.2	6.1	59.9	34.0	59.02	
0.5	2.0	97.5	5.7	55.1	39.2	63.25	
0.4	1.6	98.0	5.7	49.0	45.3	65.92	
36.2	53.9	9.9	17.6	63.4	19.0	63.78	
32.1	48.0	19.9	14.5	57.0	28.5	62.34	

Таблица № 1963 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
вторичный бутиловый спирт	метилэтил- кетон	вода	вторичный бутиловый спирт	метилэтил- кетон	вода		
28.1	42.0	29.9	13.2	53.8	33.0	61.70	400
24.0	36.0	40.0	11.7	51.4	36.9	61.56	
20.0	30.0	50.0	11.0	50.0	30.0	61.58	
16.0	24.0	60.0	10.7	50.0	39.3	61.86	
1.1	1.5	97.4	11.5	42.5	46.0	65.38	
0.9	1.1	98.0	11.0	37.0	52.0	68.21	
54.2	35.9	9.9	27.0	52.5	20.5	67.34	
48.3	32.0	19.7	24.6	46.4	29.0	65.82	
42.2	28.0	29.8	20.8	41.6	37.6	65.33	
36.0	24.0	40.0	17.3	40.9	41.8	64.69	
30.0	20.0	50.0	18.0	38.4	43.6	64.70	
24.0	16.0	60.0	18.2	39.1	42.7	64.44	
21.0	13.9	65.1	17.9	38.7	43.4	64.85	
1.5	1.0	97.5	18.7	32.3	49.0	66.78	
1.2	0.8	98.0	17.5	31.0	51.5	69.22	
72.0	18.0	10.0	46.7	33.0	10.4	72.46	
64.0	16.0	20.0	38.5	29.4	32.1	70.02	
56.0	14.0	30.0	34.0	27.0	39.0	68.82	
48.0	12.0	40.0	31.0	26.7	42.3	68.35	
40.0	10.0	50.0	29.8	25.2	45.0	68.35	
32.0	8.0	60.0	28.1	23.4	48.5	68.51	
28.0	7.0	65.0	29.3	23.9	46.8	68.43	
2.0	0.5	97.5	26.0	24.2	49.8	68.93	
1.6	0.4	98.0	24.0	17.5	58.5	71.00	
18.1	72.0	9.9	7.9	69.2	22.9	71.63	600
10.0	64.0	20.0	7.9	64.2	27.2	70.17	
14.0	56.0	30.0	7.2	58.3	34.5	69.60	
12.1	47.8	40.1	6.4	57.8	35.8	69.60	
10.1	39.7	50.2	6.1	57.1	36.8	69.57	
0.5	2.0	97.5	5.0	52.7	42.3	73.68	
0.4	1.6	98.0	4.5	44.0	51.5	76.15	
36.2	53.9	9.9	18.0	63.1	18.9	74.69	
32.1	48.0	19.9	15.7	53.4	30.9	73.03	
28.1	42.0	29.9	13.9	50.7	35.4	72.11	
24.0	36.0	40.0	12.0	49.4	38.6	72.02	
20.0	30.0	50.0	10.8	47.5	41.7	72.09	
16.0	24.0	60.0	10.9	47.3	41.8	72.21	
1.1	1.5	97.4	10.5	39.5	50.0	75.60	
0.9	1.1	98.0	9.0	36.6	54.4	78.69	
54.2	35.9	9.9	29.2	48.5	22.3	77.12	
48.3	32.0	19.7	25.6	43.2	31.2	76.23	
42.2	28.0	29.8	23.5	37.8	38.7	75.52	
36.0	24.0	40.0	20.0	37.1	42.9	74.88	
30.0	20.0	50.0	20.0	36.2	43.8	74.83	
24.0	16.0	60.0	19.8	36.7	43.5	73.78	
21.0	13.9	65.1	19.6	35.5	44.9	75.13	

Таблица № 1963 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
вторичный бутиловый спирт	метилэтил- кетон	вода	вторичный бутиловый спирт	метилэтил- кетон	вода		
1.5	1.0	97.5	18.5	30.5	51.0	76.60	600
1.2	0.8	98.0	17.8	26.2	56.0	79.53	
72.0	18.0	10.0	50.1	31.6	18.3	82.77	
64.0	16.0	20.0	40.9	27.8	31.3	80.05	
56.0	14.0	30.0	34.1	24.3	41.6	78.81	
48.0	12.0	40.0	31.1	23.3	45.6	78.33	
40.0	10.0	50.0	30.1	22.1	47.8	78.25	
32.0	8.0	60.0	29.6	21.1	49.3	78.34	
28.0	7.0	65.0	29.8	20.9	49.3	78.37	
2.0	0.5	97.5	23.0	21.7	55.3	78.95	
1.6	0.4	98.0	20.5	16.5	63.0	81.27	
18.1	72.0	9.9	9.0	68.9	22.1	78.41	760
16.0	64.0	20.0	9.5	62.1	28.4	76.74	
14.0	56.0	30.0	7.2	58.3	34.5	76.14	
12.1	47.8	40.1	6.8	55.3	37.9	76.05	
10.1	39.7	50.2	6.3	53.6	40.1	76.20	
0.5	2.0	97.5	5.7	50.0	44.3	79.37	
0.4	1.6	98.0	5.6	37.5	56.9	82.70	
36.2	53.0	9.9	19.1	62.0	18.9	81.46	
32.1	48.0	19.9	17.8	53.0	29.2	79.29	
28.1	42.0	29.9	14.6	49.2	36.2	78.47	
24.0	36.0	40.0	13.3	45.7	41.0	78.44	
20.0	30.0	50.0	10.9	45.0	44.1	78.18	
16.0	24.0	60.0	10.7	44.0	45.3	78.57	
1.1	1.5	97.4	9.5	35.0	55.5	82.45	
0.9	1.1	98.0	8.0	35.2	56.8	85.09	
54.2	35.9	9.9	30.7	43.8	25.5	84.66	
48.3	32.0	19.7	26.4	42.4	31.2	82.19	
42.2	28.0	29.8	24.0	36.3	39.7	81.88	
36.0	24.0	40.0	21.1	35.0	43.9	81.24	
30.0	20.0	50.0	20.4	35.4	44.2	81.18	
24.0	16.0	60.0	20.5	35.3	44.2	81.08	
21.0	13.9	65.1	20.1	33.2	46.7	81.32	
1.5	1.0	97.5	17.8	24.0	58.2	83.66	
1.2	0.8	98.0	15.0	24.2	60.8	85.51	
72.0	18.0	10.0	51.2	29.3	19.5	88.38	
64.0	16.0	20.0	39.9	25.1	35.0	86.17	
56.0	14.0	30.0	34.3	22.1	43.6	85.05	
48.0	12.0	40.0	31.4	21.4	47.2	84.49	
40.0	10.0	50.0	30.6	20.6	48.8	84.44	
32.0	8.0	60.0	30.3	19.6	50.1	84.50	
28.0	7.0	65.0	29.9	19.0	51.1	84.51	
2.0	0.5	97.5	25.0	19.7	55.3	85.24	
1.6	0.4	98.0	23.7	15.0	61.3	87.41	

Таблица № 1963 (продолжение)

Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %						Состав пара, мол. %			t	P
водный слой			органический слой			вторичный бутиловый спирт	метилэтил- кетон	вода		
вторичный бутиловый спирт	метилэтил- кетон	вода	вторичный бутиловый спирт	метилэтил- кетон	вода					
1.7	5.8	92.5	8.2	33.2	58.6	5.4	60.3	34.3	42.85	200
3.8	6.0	90.2	11.1	15.5	73.4	10.1	54.9	35.0	45.72	
3.8	3.0	93.2	17.3	10.5	72.2	17.8	41.6	40.6	49.04	
4.4	1.4	94.5	23.0	6.0	71.0	27.0	28.0	45.0	52.72	
1.1	4.9	94.0	8.8	33.7	57.5	6.1	60.1	33.8	59.33	400
2.5	3.8	93.7	13.1	19.8	67.1	10.7	48.3	41.0	61.88	
3.3	2.4	94.3	17.7	11.5	70.8	18.5	38.0	43.5	65.04	
3.9	1.1	95.0	23.4	6.5	70.1	28.4	22.5	49.1	68.45	
1.0	4.3	94.7	8.7	33.7	57.6	6.1	57.5	36.4	69.39	600
2.0	3.6	94.4	14.0	20.0	66.0	11.0	46.5	42.5	72.28	
3.0	2.0	95.0	17.8	12.2	70.0	19.9	34.1	46.0	75.19	
3.8	1.2	95.0	24.0	6.0	70.0	28.9	20.4	50.7	78.37	
1.3	4.6	94.1	8.0	30.8	61.2	6.0	54.9	39.1	75.97	760
2.9	3.8	93.3	14.0	20.0	66.0	11.0	43.5	45.5	78.68	
3.7	2.4	93.9	18.0	10.2	71.8	21.3	28.6	50.1	81.70	
3.8	1.2	95.0	24.0	6.0	70.0	29.6	17.5	52.9	84.45	

№ 1964

МЕТИЛЭТИЛКЕТОН—БЕНЗОЛ—ВОДА

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Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилэтил- кетон	бензол	вода	метилэтил- кетон	бензол	вода		
45.7	47.4	6.9	44.5	54.0	1.5	71.7	760
65.4	27.8	6.8	60.8	34.2	5.0	71.9	
71.5	13.0	15.5	72.1	20.6	7.3	71.9	
71.6	8.1	20.3	77.6	14.2	8.2	72.8	
71.7	8.2	20.1	78.8	13.7	7.5	72.8	
71.8	7.8	20.4	79.1	13.3	7.6	72.8	
72.2	8.1	19.7	77.5	14.0	8.5	72.8	
73.8	8.5	17.7	79.1	13.6	7.3	72.8	
73.8	8.5	17.7	80.3	13.1	6.0	72.8	
83.6	10.8	5.6	83.5	13.2	3.3	74.4	
85.2	10.9	3.9	84.6	12.8	2.6	74.4	
87.7	8.3	4.0	86.6	10.4	3.0	75.6	
87.8	11.7	0.5	86.7	12.7	0.6	76.7	
88.2	11.6	0.2	87.0	12.7	0.3	77.8	
89.3	8.6	2.1	88.63	10.0	1.37	76.7	
89.4	9.3	1.3	88.25	10.7	1.05	77.2	
90.4	9.3	0.3	89.75	10.1	0.15	77.8	



Состав жидкости, мол. %			Состав пара, мол. %			t	P
вода	фенол	метилэтил-кетон	вода	фенол	метилэтил-кетон		
1.0	88.0	11.0	2.1	74.0	23.9	163.5	760
1.0	84.0	15.0	3.0	59.5	37.5	158.5	
1.0	94.0	5.0	6.0	79.0	15.0	163.0	
1.0	87.8	11.2	5.2	67.0	27.8	158.0	
1.0	78.2	20.8	3.2	46.8	50.0	148.5	
1.0	97.4	1.6	12.1	82.6	5.3	162.5	
1.0	81.8	17.2	7.8	49.7	42.5	148.1	
0.4	78.5	21.1	5.2	43.5	51.3	145.5	
0.5	72.8	26.7	4.8	32.5	62.7	142.5	
1.1	45.0	53.9	3.0	3.0	94.0	105.5	
1.2	47.4	51.4	2.8	8.0	89.2	118.5	
1.2	83.5	15.3	3.0	57.5	39.5	151.5	
1.3	74.5	24.2	5.3	37.5	57.2	146.8	
1.3	71.5	27.2	8.3	26.0	65.7	133.8	
1.7	64.3	34.0	5.3	13.8	80.9	125.5	
1.7	79.8	18.5	6.8	51.2	49.0	153.5	
1.8	81.9	16.3	4.8	64.0	31.2	158.0	
1.9	86.7	11.4	7.0	58.9	34.1	151.5	
2.0	88.2	9.8	6.0	69.0	25.0	160.0	
2.0	73.8	24.2	4.2	53.8	42.0	153.3	
2.0	32.4	65.6	5.0	3.8	91.2	92.5	
2.0	91.0	7.0	11.8	67.5	20.7	155.5	
2.0	75.3	22.7	9.8	35.5	54.7	139.5	
2.0	86.8	11.2	9.0	59.3	31.7	152.8	
2.0	82.0	16.0	9.3	40.4	50.3	148.5	
2.0	75.2	22.8	8.8	39.3	51.9	142.7	
2.3	79.8	17.9	6.0	55.5	38.5	154.5	
3.0	64.8	32.2	9.0	19.8	71.2	127.8	
3.0	61.2	35.8	10.0	13.5	76.5	118.3	
3.0	60.0	37.0	10.0	11.2	78.8	118.0	
3.0	94.0	3.0	8.0	80.1	11.9	161.5	
3.0	92.0	5.0	7.2	71.3	21.5	158.6	
3.0	71.8	25.2	10.3	29.7	60.0	137.1	
3.0	68.8	28.2	10.5	22.3	67.2	130.5	
4.0	58.0	38.0	10.8	11.0	78.2	112.5	
4.0	55.0	41.0	9.3	11.8	78.9	115.5	
4.0	62.5	33.5	12.0	14.5	73.5	122.7	
4.0	56.0	40.0	12.0	10.4	77.6	116.0	
4.0	54.3	41.7	12.6	6.4	81.0	104.6	
4.0	51.5	44.5	12.8	5.2	82.0	103.7	



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
вода	метил-этилкетон	бутилцеллозоль	вода	метил-этилкетон	бутилцеллозоль	вода	метил-этилкетон	бутилцеллозоль		
11.4	1.6	87.0	49.1	16.0	34.9	1.15	2.26	0.99	141.6	760
5.3	3.1	91.6	32.9	19.3	47.8	1.09	1.03	0.74	157.4	
10.0	4.9	85.1	39.1	31.5	29.4	1.01	1.42	0.78	142.7	
4.3	9.5	86.2	17.7	44.5	37.8	0.92	0.94	0.84	148.2	
29.1	27.9	43.0	46.5	50.8	2.7	2.24	1.36	1.09	90.1	
33.5	14.8	51.7	57.2	37.1	5.7	1.82	1.53	1.36	98.2	
1.7	6.9	91.4	34.7	37.5	27.8	5.78	1.30	0.78	139.6	
8.7	14.5	76.8	43.1	44.3	12.6	2.71	1.17	0.92	117.8	

ВТОРИЧНЫЙ БУТИЛОВЫЙ СПИРТ—

ИЗОМАСЛЯНАЯ КИСЛОТА—ВОДА



А. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %						Состав пара, мол. %			t	P
нижний слой			верхний слой			вторичный бутиловый спирт	изомасляная кислота	вода		
вторичный бутиловый спирт	изомасляная кислота	вода	вторичный бутиловый спирт	изомасляная кислота	вода					
0.0	6.50	93.5	0.0	28.5	71.5	0.0	5.70	94.3	20	17.2
0.01	4.30	95.7	0.10	29.0	70.9	1.30	5.20	93.5		17.4
0.20	3.90	95.9	2.10	29.0	68.9	1.70	5.00	93.3		17.6
0.90	2.60	96.5	9.70	27.4	62.9	7.40	3.00	89.6		19.0
1.60	1.60	96.8	18.9	22.5	58.6	13.7	1.50	84.8		20.5
2.40	1.10	96.5	26.2	16.1	57.7	19.9	0.83	79.3		21.7
3.20	0.70	96.1	31.0	10.6	58.4	24.5	0.48	75.0		22.8
4.20	0.25	95.6	33.3	2.9	63.8	29.8	0.29	69.9		24.2
5.20	0.06	94.7	31.4	0.63	68.0	32.6	0.04	67.3		24.8
5.70	0.0	94.3	29.6	0.0	70.4	33.3	0.0	66.7		24.9

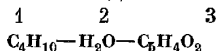
Б. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, мол. %			Состав пара, мол. %			t	P
вторичный бутиловый спирт	изомасля- ная кислота	вода	вторичный бутиловый спирт	изомасля- ная кислота	вода		
16.0	64.0	20.0	21.2	8.2	70.6	20	10.8
12.0	48.0	40.0	11.9	5.2	82.9		14.6
8.0	32.0	60.0	7.5	4.1	88.4		17.8
7.4	29.6	63.0	6.9	4.0	89.1		18.3
32.0	48.0	20.0	29.6	4.9	65.5		12.2
24.0	36.0	40.0	16.8	2.9	80.3		16.7
17.2	25.8	57.0	13.6	2.4	84.0		19.7
48.0	32.0	20.0	31.5	1.95	66.5		16.5
36.0	24.0	40.0	20.5	1.2	78.3		20.5
26.4	17.6	56.0	17.4	1.0	81.6		21.4
64.0	16.0	20.0	39.0	0.61	60.4		18.1
48.0	12.0	40.0	29.8	0.44	69.8		22.6
33.6	8.4	58.0	25.9	0.36	73.7		23.3
0.45	1.55	98.0	3.5	2.4	94.1		18.2
1.5	0.5	98.0	13.1	0.55	86.4		19.9

№ 1968

БУТАН—ВОДА—ФУРФУРОЛ

[1074]



Состав жидкости, мол. %			Содержание бутана в паре, мол. %	Коэффициент активности бутана	t	P
бутан	вода	фурфурол				
2.71	9.54	87.75	94.83	13.48	37.8	947
4.76	9.36	85.88	97.48	12.44		1548
3.16	9.52	87.32	96.53	13.70		1123
8.05	9.02	82.93	98.27	10.47		2250
10.38	8.80	80.82	98.46	9.03		2530
2.02	17.80	80.18	95.04	18.29		967
5.03	17.28	77.69	97.48	14.27		1903
7.82	16.75	75.43	98.05	11.82		2460
3.37	17.56	79.07	96.83	17.06		1510
10.38	8.80	80.82	97.11	7.54	65.6	4260
4.77	9.36	85.87	95.50	10.03		2510
1.97	9.00	88.43	89.53	11.18		1175
4.18	9.38	86.44	94.56	10.34		2260
12.20	8.61	79.19	97.37	6.97		4670
6.86	16.93	76.21	95.75	10.21		3810
10.54	16.26	73.20	96.77	8.50		5010
3.47	17.55	78.98	93.27	12.99		2405
8.17	16.69	75.14	96.29	9.72		4370
1.68	17.86	80.46	87.64	14.24	93.3	1310
1.83	9.65	88.52	82.05	9.66		1738

Состав жидкости, мол. %			Содержание бутана в паре, мол. %	Коэффициент активности бутана	t	P
бутан	вода	фурфурол				
4.86	9.35	85.79	91.83	8.47	93.3	3820
8.31	9.01	82.68	94.91	7.73		6130
13.03	8.54	78.43	95.76	5.79		7360
2.12	17.79	80.09	82.93	11.52		2420
6.07	17.05	76.88	91.84	8.69		5060
2.75	17.67	79.58	86.46	11.48		3050
10.71	15.95	73.34	94.73	7.32		7830

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] +$$

$$+ x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C_{123} (1 - 2x_1)],$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] +$$

$$+ x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C_{123} (1 - 2x_2)],$$

$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] +$$

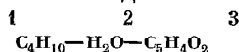
$$+ x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C_{123} (1 - 2x_3)].$$

t	Коэффициенты Маргулеса							Упругость пара чистых веществ, мм		
	A_{12}	A_{21}	A_{13}	A_{31}	A_{23}	A_{32}	C_{123}	бутан	вода	фурфу- рол
37.8	4.03	3.22	1.096	1.257	1.072	2.114	1.50	2667	49.1	4.7
65.6	3.85	2.73	0.998	1.108	0.909	1.945	1.10	5492	192.0	22.2
93.3	3.68	2.32	0.908	0.975	0.780	1.748	0.70	10048	596.0	76.8

№ 1969

ИЗОБУТАН—ВОДА—ФУРФУРОЛ

[645]



t	Коэффициенты Маргулеса							Упругость пара чистых веществ, мм		
	A_{12}	A_{21}	A_{13}	A_{31}	A_{23}	A_{32}	C	изобутан	вода	фурфу- рол
37.8	4.35	3.50	1.142	1.310	1.072	2.114	1.5	3720	49.1	4.7
65.3	4.04	2.78	1.042	1.160	0.909	1.945	1.1	7399	192.0	22.2
93.3	3.78	2.20	0.955	1.030	0.780	1.748	0.7	13256	596.0	76.8

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] +$$

$$+ x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C (1 - 2x_1)],$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] +$$

$$+ x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C (1 - 2x_2)],$$

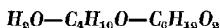
$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] +$$

$$+ x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C (1 - 2x_3)].$$

1

2

3



$$\lg \gamma_1 = Z_2^2 A_{12} + Z_3^2 A_{13} + Z_2 Z_3 \left[A_{12} + A_{13} - \frac{A_{32} A_{13}}{A_{31}} - C (1 - 2Z_1) \right],$$

$$\lg \gamma_2 = Z_1^2 A_{21} + Z_3^2 A_{23} + Z_1 Z_3 \left[A_{23} + A_{21} - \frac{A_{13} A_{21}}{A_{12}} - C (1 - 2Z_2) \frac{A_{21}}{A_{12}} \right],$$

$$\lg \gamma_3 = Z_1^2 A_{31} + Z_2^2 A_{32} + Z_1 Z_2 \left[A_{31} + A_{32} - \frac{A_{21} A_{32}}{A_{23}} - C (1 - 2Z_3) \frac{A_{31}}{A_{13}} \right].$$

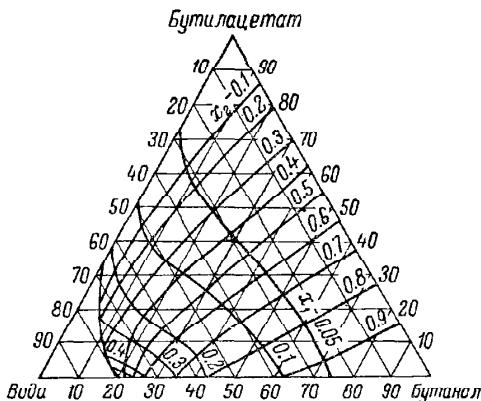
$$A_{12} = 0.61, \quad A_{13} = 2.01, \quad A_{23} = 0.22,$$

$$A_{21} = 1.34, \quad A_{31} = 0.81, \quad A_{32} = 0.24, \quad C = 1.1.$$

$$Z_1 = \frac{x_1}{x_1 + x_2 \frac{A_{21}}{A_{12}} + x_3 \frac{A_{31}}{A_{13}}}$$

$$Z_2 = \frac{x_2 \frac{A_{21}}{A_{12}}}{x_1 + x_2 \frac{A_{21}}{A_{12}} + x_3 \frac{A_{31}}{A_{13}}},$$

$$Z_3 = \frac{x_3 \frac{A_{31}}{A_{13}}}{x_1 + x_2 \frac{A_{21}}{A_{12}} + x_3 \frac{A_{31}}{A_{13}}},$$



$$P = 760 \text{ мм}$$

x_1 — содержание воды в жидкости, мол. %; x_2 — содержание
бутилового спирта в жидкости, мол. %.

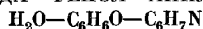


А. ГОМОГЕННАЯ ОБЛАСТЬ

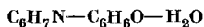
Состав жидкости, вес. %			Состав пара, вес. %			t	P
бутиловый эфир	бутиловый спирт	вода	бутиловый эфир	бутиловый спирт	вода		
5.0	90.0	5.0	6.8	70.8	22.4	Нет данных	760
5.0	85.0	10.0	7.6	60.0	32.4		
10.0	85.0	5.0	12.5	64.3	23.2		
10.0	80.0	10.0	13.7	55.0	31.3		
10.0	70.0	20.0	17.4	46.4	36.2		
20.0	75.0	5.0	21.6	55.5	22.9		
20.0	70.0	10.0	23.0	46.0	31.0		
30.0	60.0	10.0	31.9	36.6	31.5		

Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

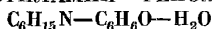
Состав жидкости, вес. %						Состав пара, вес. %			t	
верхний слой			нижний слой			бутиловый эфир	бутиловый спирт	вода		
бутило- вый эфир	бутило- вый спирт	вода	бутило- вый эфир	бутило- вый спирт	вода					
0.0	69.8	30.2	0.0	7.8	92.2	0.0	56.0	44.0	92.75	760
14.0	67.1	18.9	0.0	6.4	93.6	22.0	42.6	35.4	91.66	
29.9	58.3	11.8	0.0	5.3	94.7	31.5	35.7	32.8	91.15	
47.7	45.2	7.1	0.0	4.5	95.5	37.6	31.4	31.0	90.92	
65.9	30.3	3.8	0.0	3.6	96.4	44.0	26.9	29.1	90.92	
83.2	14.4	2.4	0.0	2.8	97.2	50.1	20.8	29.1	91.74	
99.5	0.0	0.5	0.0	0.0	100.0	69.6	0.0	30.4	95.50	



Состав жидкости, вес. %						Состав пара, вес. %			t	P
нижний слой			верхний слой			вода	фенол	анилин		
вода	фенол	анилин	вода	фенол	анилин					
5.5	0.0	94.5	95.7	0.0	4.3	84.5	0.0	15.5	56.3	Нет данных
11.1	44.6	44.3	95.0	2.6	2.4	86.7	2.3	11.0		
15.4	53.3	31.3	94.6	3.4	2.0	87.4	3.8	8.8		
17.1	62.2	20.7	93.7	4.7	1.6	88.9	4.9	6.2		
26.5	65.0	8.5	92.5	6.6	0.9	90.6	6.0	2.4		
40.0	60.0	0.0	85.5	14.5	0.0	92.2	7.8	0.0		



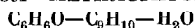
Состав жидкости, вес. %						Состав пара, вес. %			t	P
верхний слой			нижний слой			анилин	фенол	вода		
анилин	фенол	вода	анилин	фенол	вода					
4.1	4.9	91.0	42.5	40.0	17.5	15.0	3.9	81.1	99.4	760
3.5	5.5	91.0	43.5	39.0	17.5	10.0	6.4	83.6	99.8	
2.5	6.5	91.0	39.0	41.5	19.5	9.3	7.3	83.4	101.4	
2.5	8.5	89.0	29.5	48.2	22.3	7.2	7.8	85.0	100.3	
2.5	11.0	86.5	22.0	51.5	26.5	4.5	9.6	85.9	101.5	
2.3	11.0	86.7	22.0	51.5	26.5	2.5	10.0	87.5	100.9	
2.5	12.5	85.0	18.0	52.0	30.0	2.5	10.4	87.1	100.8	
Гомогенная область			21.5	54.5	24.0	6.0	15.9	78.1	112.0	
			4.7	35.5	59.8	2.2	10.3	87.5	100.7	
			5.5	51.9	42.6	2.4	11.4	86.2	101.1	
			6.9	64.9	28.2	1.8	17.1	81.1	103.6	
			11.7	88.0	0.3	7.0	92.9	0.1	178.0	



Состав жидкости, мол. %			Состав пара, мол. %			t	P
триэтил-амин	фенол	вода	триэтил-амин	фенол	вода		
0.01	0.69	99.3	0.07	0.43	99.5	15	12.8
0.03	0.87	99.1	0.18	0.42	99.4		12.6
0.04	0.96	99.0	0.20	0.50	99.3		12.7
0.58	0.42	99.0	25.9	0.05	74.0		18.6
0.67	0.63	98.7	22.2	0.10	77.7		17.4
0.77	0.83	98.4	19.4	0.20	80.4		16.8
1.20	0.50	98.3	52.3	0.04	47.7		28.5
1.34	0.56	98.1	53.7	0.04	46.3		28.7
1.46	0.64	97.9	60.2	0.05	39.7		31.7
6.24	0.36	93.4	67.7	0.02	32.3		48.0
6.40	0.40	93.2	67.6	0.02	32.4		47.7
7.00	0.50	92.5	60.1	0.02	30.6		46.4
9.5	54.7	35.8	0.33	0.67	99.0	35	42.1
10.0	57.0	33.0	0.26	0.64	99.1		42.0
10.2	58.8	31.0	0.22	0.68	99.1		41.7
16.7	54.6	28.7	8.3	0.30	91.4		46.4
27.3	56.7	16.0	42.3	0.40	57.3		31.4
27.8	58.2	14.0	29.8	0.40	69.8		41.4
43.3	24.7	32.0	54.4	0.10	45.5		92.1
44.6	25.5	29.9	52.7	0.10	47.2		90.3
46.0	26.2	27.8	53.3	0.10	46.6		95.1
64.2	6.0	29.8	67.6	0.06	32.3		124.5
66.0	6.3	27.7	68.1	0.06	31.8		126.1
68.0	6.5	25.5	69.3	0.10	30.6		129.2



Состав жидкости, мол. %			Состав пара, мол. %			t	P
триэтил- амин	вода	фенол	триэтил- амин	вода	фенол		
7.400	92.244	0.296	71.3	28.7	0.016	44	42.5
7.268	92.432	0.300	71.6	28.4	0.016		41.9
6.984	92.714	0.302	70.2	29.8	0.016		42.0
6.654	93.058	0.291	70.0	30.0	0.016		42.0
4.263	95.424	0.313	69.3	30.7	0.016		42.0
3.957	95.729	0.314	69.3	30.7	0.016		42.0
3.758	95.928	0.314	64.5	35.5	0.016		42.0
2.400	97.279	0.321	63.4	36.6	0.015		42.3
1.360	98.312	0.328	56.1	43.9	0.019		33.0
0.745	98.924	0.331	37.6	62.4	0.025		25.5



Состав жидкости, вес. %			Состав пара, вес. %			t	P
фенол	метил- стирол	вода	фенол	метил- стирол	вода		
54.5	45.0	0.5	7.5	62.3	30.2	37.7	50
58.8	35.4	5.8	1.8	64.7	33.5	26.8	
64.6	35.2	0.2	18.1	70.0	11.9	45.0	
69.5	30.4	0.1	15.5	47.2	37.3	39.1	
71.0	27.5	1.5	16.4	56.8	26.8	62.7	
76.0	23.6	0.4	12.9	50.0	37.1	35.3	
76.0	23.9	0.1	40.5	57.0	2.5	50.7	
77.3	20.7	2.0	24.6	27.2	48.2	40.4	
78.0	20.2	1.8	13.4	45.0	41.6	39.5	
78.5	19.0	2.5	5.0	32.0	63.0	39.8	
79.5	15.7	4.8	2.6	27.3	70.1	34.0	
81.2	18.3	0.5	16.1	43.6	40.3	32.5	
83.0	11.7	5.3	6.9	20.6	72.5	30.8	
83.0	2.5	44.5	4.6	5.3	90.1	36.3	
83.8	12.7	3.5	70.5	25.9	3.6	39.1	
84.7	7.0	8.3	4.4	13.6	82.0	37.3	
86.0	2.0	12.0	5.0	6.5	88.5	37.8	
86.2	12.5	1.3	10.4	28.4	61.2	33.6	
87.0	12.7	0.3	25.6	44.0	30.4	43.0	
93.0	3.2	3.8	8.6	9.15	82.75	39.5	
94.0	3.0	3.0	6.67	6.93	86.4	35.1	

ЦИКЛОГЕКСАНОН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ—ВОДА



Состав жидкости, вес. %			Состав пара, вес. %			t	P
циклогексанон	циклогексильный спирт	вода	циклогексанон	циклогексильный спирт	вода		
86.6	13.4	0.0	28.4	71.6	0.0	90	Нет данных
84.6	13.1	2.3	11.5	41.0	47.5		
83.6	13.0	3.6	10.6	30.7	58.7		
80.5	12.5	7.0	10.2	24.7	65.1		
78.2	12.1	9.7	9.3	23.4	67.3		
76.6	11.9	11.5	8.8	23.0	68.2		
73.1	11.4	15.5	8.5	20.8	70.7		
3.20	0.50	96.3	4.7	23.7	71.6		
2.86	0.44	96.7	3.9	22.0	74.1		
2.17	0.33	97.5	3.6	19.3	77.1		
0.95	0.15	98.9	2.9	11.9	85.2		
70.2	29.8	0.0	48.1	51.9	0.0		
68.3	29.0	2.7	31.8	26.4	41.8		
66.0	28.0	6.0	21.2	21.9	56.9		
64.7	27.5	7.8	19.6	20.4	60.0		
63.5	26.9	9.6	18.4	18.3	63.3		
62.9	26.7	10.4	17.9	17.4	64.7		
60.4	25.6	14.0	17.4	16.1	66.5		
2.95	1.25	95.8	11.4	19.8	68.8		
2.74	1.16	96.1	11.0	18.8	70.2		
2.18	0.92	96.9	9.7	16.4	73.9		
1.54	0.66	97.8	7.9	14.0	78.1		
0.91	0.39	98.7	5.0	10.5	84.5		
50.2	49.8	0.0	66.8	33.2	0.0		
49.3	48.9	1.8	41.3	26.9	31.8		
48.5	48.1	3.4	40.3	17.7	42.0		
47.0	46.7	6.3	33.4	14.7	51.9		
46.1	45.7	8.2	29.3	12.9	57.8		
44.7	44.3	11.0	27.0	12.3	60.7		
43.2	43.4	12.8	25.8	11.0	63.2		
2.51	2.49	95.0	19.0	15.2	65.8		
2.31	2.29	95.4	18.6	14.8	66.6		
1.56	1.54	96.9	16.1	11.8	72.1		
1.10	1.10	97.8	13.4	9.4	77.2		
0.70	0.70	98.6	10.2	7.1	82.7		
31.4	68.6	0.0	79.4	20.6	0.0		
31.2	67.5	1.7	51.7	13.5	34.8		
30.5	66.9	2.6	49.0	11.1	39.9		
29.9	65.7	4.4	41.8	10.1	48.1		
28.9	63.4	7.7	35.5	7.6	56.9		
28.2	61.7	10.1	33.2	7.3	59.5		
27.6	60.4	12.0	32.3	7.2	60.5		
1.85	4.05	94.1	27.5	9.1	63.4		
1.41	3.09	95.5	24.8	9.4	165.8		
1.19	2.61	96.2	23.6	8.6	67.8		
0.82	1.78	97.4	20.0	6.2	73.8		
0.47	1.03	98.5	14.4	4.2	81.4		

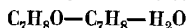
Таблица № 1977 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
циклогексанон	циклогексильный спирт	вода	циклогексанон	циклогексильный спирт	вода		
12.5	87.5	0.0	91.9	8.1	0.0	90	Нет данных
12.3	86.2	1.5	61.5	6.1	32.4		
12.2	85.2	2.6	54.2	4.5	41.3		
12.1	84.3	3.6	48.4	3.8	47.8		
12.0	83.4	4.6	46.4	3.1	50.5		
11.6	81.2	7.2	43.1	2.7	54.2		
11.2	78.0	10.8	39.6	2.6	57.8		
0.88	6.12	93.0	37.9	3.6	58.5		
0.84	9.86	93.3	37.6	3.5	58.9		
0.65	4.55	94.8	34.3	3.5	62.2		
0.49	3.41	96.1	30.1	3.4	66.5		
0.34	2.36	97.3	24.9	3.0	72.1		
0.18	1.22	98.6	16.6	2.2	81.2		

№ 1978

БЕНЗИЛОВЫЙ СПИРТ—ТОЛУОЛ—ВОДА

[233]



А. ГОМОГЕННАЯ ОБЛАСТЬ

Состав жидкости, вес. %			Состав пара, вес. %			t	P
бензиловый спирт	толуол	вода	бензиловый спирт	толуол	вода		
0.0	100.0	0.0	0.0	100.0	0.0	110.6	760
10.3	89.7	0.0	0.4	99.6	0.0	113.3	
20.4	79.6	0.0	0.5	99.5	0.0	115.5	
30.1	69.9	0.0	1.1	98.9	0.0	117.9	
40.3	59.7	0.0	1.4	98.6	0.0	120.5	
49.6	50.4	0.0	1.7	98.3	0.0	123.7	
61.3	38.7	0.0	3.2	96.8	0.0	129.3	
80.0	20.0	0.0	10.2	89.8	0.0	144.8	
90.4	9.6	0.0	22.0	78.0	0.0	165.0	
96.9	3.1	0.0	54.9	45.1	0.0	189.5	
100.0	0.0	0.0	100.0	0.0	0.0	205.5	
90.9	0.0	9.1	12.6	0.0	87.4	104.9	
95.9	0.0	4.1	20.8	0.0	79.2	117.5	
63.8	33.5	2.7	1.6	80.8	17.6	97.0	
78.4	18.2	3.4	3.5	73.0	23.5	101.5	
87.4	8.9	3.7	5.6	56.9	37.5	107.2	
91.8	4.3	3.9	7.7	40.8	51.5	111.7	

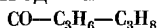
Б. ГЕТЕРОГЕННАЯ ОБЛАСТЬ

Состав жидкости, вес. %						Состав пара, вес. %			t	P
водный слой			органический слой			бензиловый спирт	толуол	вода		
бензиловый спирт	толуол	вода	бензиловый спирт	толуол	вода					
8.4	0.0	91.6	78.7	0.0	21.3	8.5	0.0	91.5	100.0	760
0.0	0.0	100.0	0.0	100.0	0.0	0.0	82.0	18.0	84.6	
4.1	0.4	95.5	20.8	79.0	0.2	0.6	80.4	19.0	87.0	
4.2	0.4	95.4	30.0	68.8	1.2	0.7	80.1	19.2	87.7	
4.7	0.4	94.9	39.5	58.0	2.5	0.3	79.8	19.3	88.0	
5.3	0.4	94.3	48.7	47.1	4.2	1.1	78.2	20.7	88.0	
5.7	0.4	93.3	57.3	36.7	6.0	1.3	75.8	22.9	88.6	
6.7	0.3	93.0	65.3	26.7	7.4	1.4	74.4	27.2	89.7	
7.7	0.3	92.0	71.8	17.8	10.4	2.0	66.5	31.5	91.9	
8.1	0.2	91.7	77.7	8.0	14.3	2.7	40.3	57.0	95.9	
8.3	0.1	91.6	78.3	3.6	18.1	4.1	29.0	66.9	97.6	

№ 1979

ОКИСЬ УГЛЕРОДА—ПРОПИЛЕН—ПРОПАН

[1079]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
окись углерода	пропилен	пропан	окись углерода	пропилен	пропан		
0.57	95.7	3.74	8.7	87.5	3.8	37.8	16.7
2.38	94.2	3.41	30.13	67.18	2.7		23.9
2.65	94.4	3.05	36.3	61.8	1.9		27.8
6.92	89.95	3.26	51.95	46.2	1.85		40.5

№ 1980

ДВУОКИСЬ УГЛЕРОДА—СЕРОВОДОРОД—МЕТАН

[919]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
двуокись углерода	сероводород	метан	двуокись углерода	сероводород	метан		
0.0	97.7	2.3	0.0	48.9	51.1	4.4	27.2
2.7	94.0	3.3	13.1	47.7	39.2		
7.0	88.9	4.1	19.2	45.4	35.4		
12.9	83.2	3.9	25.3	42.9	31.8		
14.8	81.9	3.3	35.2	42.3	22.5		
28.0	70.2	1.8	45.0	40.4	14.6		
35.0	63.5	1.5	50.3	41.6	8.1		
40.3	59.7	0.0	63.5	36.5	0.0		
0.0	87.8	12.2	0.0	28.4	71.6		68.0
9.0	75.6	15.4	13.9	29.1	57.0		
22.1	62.5	15.4	26.6	25.9	47.5		

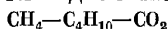
Таблица № 1980 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
двуокись углерода	серово-дород	метан	двуокись углерода	серово-дород	метан		
41.4	41.2	17.4	35.3	22.9	41.8	4.4	68.0
53.7	28.4	17.9	47.1	17.9	35.0		
68.0	14.4	17.6	56.7	10.4	32.9		
86.7	0.0	13.3	65.5	0.0	34.5		
0.0	74.4	25.6	0.0	29.2	70.8		108.8
6.3	64.3	29.4	8.7	31.1	60.2		
13.5	48.8	37.7	14.2	34.0	51.8		
0.0	96.8	3.2	0.0	84.4	15.6	71.1	68.0
3.1	93.6	3.3	6.1	83.6	10.3		
6.3	91.1	2.6	11.8	82.2	6.0		
10.9	89.1	0.0	18.9	81.1	0.0		
2.3	90.3	7.4	6.6	72.4	21.0		90.4
6.4	84.8	8.8	12.6	70.4	17.0		
12.3	77.0	10.7	16.2	69.9	13.9		
19.7	71.8	8.5	22.4	67.6	10.0		
0.0	84.1	15.9	0.0	73.5	26.5		108.8
1.8	81.8	16.4	2.7	73.7	23.6		

№ 1981

МЕТАН—БУТАН—ДВУОКИСЬ УГЛЕРОДА

[1063]



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	бутан	двуокись углерода	метан	бутан	двуокись углерода		
0.00	69.96	30.04	0.00	18.14	81.86	37.8	27.2
2.21	72.33	25.46	12.47	18.00	69.53		
3.32	73.47	23.21	19.26	17.82	62.92		
4.95	78.03	17.02	36.09	17.80	46.11		
6.65	80.31	13.04	46.87	17.27	35.86		
8.58	81.63	9.79	56.12	17.84	26.04		
9.36	84.53	6.11	65.70	17.87	16.43		
12.2	87.8	0.0	82.4	17.6	0.0		
0.00	25.94	74.06	0.00	8.03	91.97		54.4
4.33	32.63	63.04	13.08	8.92	78.00		
10.02	43.96	46.02	32.71	9.77	57.52		
15.17	52.27	32.56	48.51	10.53	40.96		
18.61	57.18	24.21	58.73	10.62	30.65		
20.15	65.08	14.47	71.56	11.00	17.44		
23.36	68.73	7.91	77.98	12.02	10.00		
25.4	74.6	0.0	87.7	12.3	0.0		
13.32	20.03	66.65	14.78	12.91	72.31		81.6

Таблица № 1981 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	Р. атм
метан	бутан	других углерода	метан	бутан	других углерода		
14.96	24.96	60.08	21.91	40.87	67.22	37.8	81.6
19.28	30.52	50.20	32.82	11.18	56.00		
21.52	32.87	45.61	38.17	10.87	50.96		
24.30	35.49	40.21	43.83	11.00	45.17		
25.56	37.00	37.44	46.03	11.73	42.24		
27.52	42.46	30.02	54.98	11.50	33.52		
32.06	51.02	16.92	70.08	11.12	18.80		
35.54	55.72	8.74	78.87	11.72	9.41		
38.10	61.90	0.0	88.0	12.0	0.0		
53.37	29.84	16.79	60.86	20.14	19.00		115.6
53.08	33.44	13.48	67.98	17.14	14.88		
54.26	36.36	9.38	73.44	15.89	10.67		
55.62	40.50	3.88	79.72	15.66	4.62		
55.90	44.10	0.0	84.40	15.6	0.0		
0.00	42.79	57.21	0.00	7.82	92.18	4.4	27.2
1.57	47.04	51.39	9.12	7.90	82.98		
2.89	52.48	44.63	20.60	7.48	71.92		
5.00	59.93	34.98	37.05	7.78	55.17		
6.98	65.14	27.88	48.12	6.88	45.00		
9.04	69.42	21.54	58.37	7.39	34.24		
10.02	71.46	18.52	63.94	7.06	29.00		
13.10	78.21	8.69	79.63	6.35	14.02		
14.84	80.78	4.38	85.67	6.35	7.98		
15.90	84.10	0.0	92.80	7.2	0.0		
18.45	14.88	66.67	22.97	9.54	67.49		54.4
17.23	20.09	62.68	28.64	7.36	64.00		
17.40	28.02	54.58	38.06	6.23	55.71		
18.86	33.89	47.25	46.74	4.74	48.52		
20.70	39.32	39.98	50.40	6.38	43.22		
22.92	46.24	30.84	57.49	5.04	37.47		
24.80	53.38	21.82	66.48	6.04	27.48		
26.07	59.32	14.61	74.44	5.60	19.96		
28.01	64.56	7.43	84.20	5.98	9.82		
29.60	70.40	0.0	94.50	5.5	0.0		
41.45	18.33	40.22	46.80	10.42	42.78		81.6
41.52	22.12	36.36	53.33	7.67	39.00		
42.08	27.00	30.92	61.97	5.26	32.77		
42.88	31.52	25.60	67.56	5.06	27.38		
43.09	38.62	18.29	76.11	4.89	19.00		
42.73	44.30	12.97	81.86	5.02	13.12		
43.83	48.55	7.62	87.15	5.03	7.82		
42.60	57.40	0.0	94.2	5.8	0.0		
65.88	24.59	9.53	75.62	14.01	10.37		115.6
64.68	29.21	6.11	81.00	12.02	6.98		
63.21	33.76	3.03	85.42	10.94	3.64		
61.20	38.80	0.0	89.9	10.1	0.0		
0.02	5.46	84.62	29.20	1.02	69.78	-28.9	27.2

Таблица № 1981 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	бутан	диоксид углерода	метан	бутан	диоксид углерода		
6.92	9.66	83.42	45.50	1.13	53.37	-28.9	27.2
7.55	22.08	70.37	53.43	1.36	45.21		
11.00	32.34	56.66	61.28	2.08	36.64		
12.04	39.02	48.94	69.56	1.98	28.46		
14.83	47.55	37.62	81.09	2.12	16.79		
15.11	58.87	26.02	86.76	2.26	10.98		
17.77	71.37	10.86	92.76	2.47	4.77		
19.4	80.6	0.0	97.3	2.7	0.0		
31.83	9.13	59.04	70.05	1.28	28.67		54.4
29.06	14.39	56.55	72.38	2.81	24.81		
28.85	20.12	51.03	74.98	2.17	22.85		
29.95	23.12	46.93	79.20	1.91	18.89		
28.87	34.11	37.02	82.88	1.74	15.38		
30.84	43.21	25.95	87.65	1.98	10.37		
33.49	52.89	13.62	92.23	1.99	5.78		
35.09	57.79	7.12	94.95	2.01	3.04		
37.0	63.0	0.0	97.5	2.5	0.0		
58.30	9.00	31.98	67.72	2.96	29.32	-62.2	27.2
54.88	17.17	27.95	73.74	2.40	23.86		
52.71	25.95	21.34	79.80	2.57	17.63		
52.51	32.44	15.08	84.86	2.02	12.22		
52.69	38.97	8.34	90.56	3.05	6.39		
53.4	46.6	0.0	97.1	2.9	0.0		
85.04	12.82	2.14	88.68	10.00	1.32		54.4
83.1	16.9	0.0	90.2	9.8	0.0		
30.11	8.56	61.33	51.60	2.04	46.36		
28.01	17.97	54.02	57.99	1.98	40.03		
27.00	36.00	37.00	72.77	1.23	26.00		
28.02	46.06	25.92	81.04	0.84	18.12		
30.68	57.77	11.55	91.12	0.85	8.03		
31.81	60.19	8.00	94.00	0.37	5.63		
32.17	61.88	5.95	95.03	0.96	4.01		
32.53	63.54	3.93	96.49	0.97	2.54		
33.5	66.5	0.0	99.0	1.0	0.0	-95.6	27.2
71.67	8.11	20.22	79.88	1.00	19.12		
69.95	12.09	17.96	82.75	1.02	16.23		
68.48	18.55	12.97	87.60	0.99	11.41		
67.58	28.35	4.07	95.70	0.98	3.32		
67.53	30.55	1.92	96.98	1.46	1.56		
67.0	33.0	0.0	99.0	1.0	0.0		
88.96	7.42	3.62	94.33	2.70	2.97		68.0
86.74	11.03	2.23	95.82	2.51	1.67		
84.8	15.2	0.0	97.0	3.0	0.0		
87.37	2.07	10.56	94.82	0.56	4.62		
84.55	7.01	8.44	46.59	0.42	2.99		
83.89	11.68	4.43	98.02	0.31	1.67		
85.0	15.0	0.0	99.6	0.4	0.0		

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	ацетон	серо- углерод	хлороформ	ацетон	серо- углерод		
0.0	100.0	0.0	0.0	100.0	0.0	25	225.6
10.0	90.0	0.0	5.9	94.1	0.0		214.0
0.0	90.0	10.0	0.0	64.8	35.2		315.5
20.0	80.0	0.0	13.0	87.0	0.0		201.2
10.0	80.0	10.0	3.6	61.6	34.8		295.1
0.0	80.0	20.0	0.0	49.5	50.5		377.4
30.0	70.0	0.0	22.9	77.1	0.0		191.4
20.0	70.0	10.0	9.3	56.5	34.2		276.2
10.0	70.0	20.0	2.95	46.7	50.35		352.5
0.0	70.0	30.0	0.0	41.7	58.3		415.0
40.0	60.0	0.0	34.9	65.1	0.0		184.5
30.0	60.0	10.0	16.6	49.9	33.5		258.7
20.0	60.0	20.0	7.5	42.4	50.1		328.0
10.0	60.0	30.0	2.7	38.7	58.6		387.7
0.0	60.0	40.0	0.0	37.5	62.5		434.4
50.0	50.0	0.0	48.0	52.0	0.0		181.0
40.0	50.0	10.0	25.8	41.7	32.5		244.8
30.0	50.0	20.0	14.1	36.0	49.9		303.3
20.0	50.0	30.0	7.0	34.3	58.7		359.9
10.0	50.0	40.0	1.8	34.0	64.2		388.7
0.0	50.0	50.0	0.0	35.2	64.8		442.9
60.0	40.0	0.0	61.4	38.6	0.0		180.7
50.0	40.0	10.0	36.9	32.3	30.8		235.8
40.0	40.0	20.0	22.4	28.8	48.8		284.0
30.0	40.0	30.0	13.2	28.5	58.3		334.5
20.0	40.0	40.0	7.0	29.1	63.9		376.1
10.0	40.0	50.0	2.8	30.9	66.3		413.1
0.0	40.0	60.0	0.0	33.8	66.2		445.7
70.0	30.0	0.0	73.6	26.4	0.0		184.0
60.0	30.0	10.0	49.3	23.2	27.5		226.7
50.0	30.0	20.0	32.2	21.8	46.0		275.2
40.0	30.0	30.0	21.4	21.5	57.1		313.2
30.0	30.0	40.0	13.5	22.7	63.8		348.7
20.0	30.0	50.0	7.6	24.9	67.5		381.6
10.0	30.0	60.0	3.2	28.2	68.6		412.8
0.0	30.0	70.0	0.0	32.6	67.4		446.0
80.0	20.0	0.0	84.6	15.4	0.0		189.0
70.0	20.0	10.0	61.9	14.3	23.8		221.6
60.0	20.0	20.0	43.2	13.45	43.35		265.9
50.0	20.0	30.0	31.8	13.9	54.3		299.6
40.0	20.0	40.0	22.5	15.2	62.3		326.3
30.0	20.0	50.0	14.9	17.3	67.8		351.9
20.0	20.0	60.0	9.0	20.3	70.7		378.5
10.0	20.0	70.0	3.9	24.6	71.5		407.1
0.0	20.0	80.0	0.0	30.2	69.8		442.6
90.0	10.0	0.0	93.3	6.7	0.0		196.3
80.0	10.0	10.0	68.15	6.0	25.85		237.6
70.0	10.0	20.0	53.9	6.2	39.9		262.4

Состав жидкости, мол. %			Состав пара, мол.			t	P
хлороформ	ацетон	серо- углерод	хлороформ	ацетон	серо- углерод		
60.0	10.0	30.0	42.25	6.55	51.2	25	287.2
50.0	10.0	40.0	32.8	7.3	59.9		309.4
40.0	10.0	50.0	24.9	8.7	66.4		328.3
30.0	10.0	60.0	17.8	10.7	71.5		347.1
20.0	10.0	70.0	11.3	13.6	75.1		366.9
10.0	10.0	80.0	5.4	17.7	76.9		391.2
0.0	10.0	90.0	0.0	23.5	76.5		423.7
100.0	0.0	0.0	100.0	0.0	0.0		204.8
90.0	0.0	10.0	78.1	0.0	21.9		237.1
80.0	0.0	20.0	63.7	0.0	36.3		262.4
70.0	0.0	30.0	53.2	0.0	46.8		283.1
60.0	0.0	40.0	44.5	0.0	55.5		298.8
50.0	0.0	50.0	37.0	0.0	63.0		312.3
40.0	0.0	60.0	30.1	0.0	69.9		323.7
30.0	0.0	70.0	23.2	0.0	76.8		333.5
20.0	0.0	80.0	16.2	0.0	83.8		341.2
10.0	0.0	90.0	8.6	0.0	91.4		347.3
0.0	0.0	100.0	0.0	0.0	100.0		351.4

$$\lg \gamma_1 = -0.2558x_2^2 + 0.2304x_3^2 - 0.0597x_2^3 - 0.0352x_3^3 - 0.2431x_2x_3 - 0.8392x_2^2x_3 - 1.4015x_2x_3^2,$$

$$\lg \gamma_2 = -0.3454x_1^2 + 0.2665x_3^2 + 0.0597x_1^3 + 0.5869x_3^3 + 0.3827x_1x_3 - 0.6610x_1^2x_3 - 0.0976x_1x_3^2,$$

$$\lg \gamma_3 = 0.1777x_1^2 + 1.1469x_2^2 - 0.0352x_1^3 - 0.5869x_2^3 + 2.00x_1x_2 - 1.2960x_1^2x_2 - 1.8583x_1x_2^2.$$

№ 1983

ХЛОРОФОРМ—МЕТИЛАЛЬ—СЕРОУГЛЕРОД

[143]

1

2

3



Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	метилаль	серо- углерод	хлороформ	метилаль	серо- углерод		
0.0	100.0	0.0	0.0	100.0	0.0	25	415.9
10.0	90.0	0.0	3.7	96.3	0.0		386.6
0.0	90.0	10.0	0.0	82.4	17.6		457.0
20.0	80.0	0.0	8.0	92.0	0.0		360.8
10.0	80.0	10.0	3.15	79.2	17.65		423.1
0.0	80.0	20.0	0.0	70.3	29.7		485.4
30.0	70.0	0.0	13.4	86.6	0.0		331.8
20.0	70.0	10.0	7.1	74.9	18.0		392.9

Таблица № 1983 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	метилаль	серо- углерод	хлороформ	метилаль	серо- углерод		
10.0	70.0	20.0	2.9	66.9	30.2	25	449.0
0.0	70.0	30.0	0.0	61.8	38.2		502.9
40.0	60.0	0.0	20.6	79.4	0.0		302.1
30.0	60.0	10.0	12.4	68.7	18.9		358.4
20.0	60.0	20.0	6.7	62.0	31.3		413.4
10.0	60.0	30.0	2.7	58.0	39.3		464.7
0.0	60.0	40.0	0.0	55.7	44.3		511.1
50.0	50.0	0.0	30.3	69.7	0.0		273.0
40.0	50.0	10.0	19.3	60.7	20.0		328.2
30.0	50.0	20.0	11.8	55.4	32.8		379.8
20.0	50.0	30.0	6.55	52.45	41.0		427.9
10.0	50.0	40.0	2.7	51.0	46.3		470.7
0.0	50.0	50.0	0.0	51.1	48.9		512.9
60.0	40.0	0.0	42.7	57.3	0.0		246.7
50.0	40.0	10.0	28.8	49.9	21.3		299.4
40.0	40.0	20.0	18.0	46.3	34.8		345.2
30.0	40.0	30.0	12.0	44.2	43.8		386.3
20.0	40.0	40.0	6.8	44.4	48.8		430.5
10.0	40.0	50.0	2.9	45.2	51.9		469.1
0.0	40.0	60.0	0.0	47.2	52.8		509.5
70.0	30.0	0.0	57.8	22.2	0.0		225.2
60.0	30.0	10.0	40.0	37.3	22.7		272.2
50.0	30.0	20.0	28.1	35.1	36.8		314.3
40.0	30.0	30.0	19.4	34.6	46.0		352.8
30.0	30.0	40.0	12.8	35.3	51.9		389.0
20.0	30.0	50.0	7.5	37.0	55.5		424.5
10.0	30.0	60.0	3.3	39.6	57.1		460.1
0.0	30.0	70.0	0.0	43.2	56.8		501.0
80.0	20.0	0.0	74.1	25.9	0.0		211.0
70.0	20.0	10.0	53.2	23.3	23.5		253.1
60.0	20.0	20.0	39.4	22.4	38.2		289.3
50.0	20.0	30.0	29.25	22.75	48.0		321.4
40.0	20.0	40.0	21.4	23.9	54.7		352.0
30.0	20.0	50.0	14.5	26.1	59.4		379.7
20.0	20.0	60.0	8.9	29.0	62.1		409.8
10.0	20.0	70.0	4.1	32.7	63.2		442.4
0.0	20.0	80.0	0.0	37.7	62.3		483.2
90.0	10.0	0.0	89.0	11.0	0.0		205.5
80.0	10.0	10.0	66.7	10.1	23.2		242.6
70.0	10.0	20.0	52.6	9.4	38.0		269.9
60.0	10.0	30.0	41.0	10.5	48.5		298.3
50.0	10.0	40.0	32.2	11.5	56.3		320.6
40.0	10.0	50.0	24.6	13.1	62.3		341.6
30.0	10.0	60.0	17.7	15.3	67.0		362.1
20.0	10.0	70.0	11.4	18.3	70.3		384.4
10.0	10.0	80.0	5.5	22.0	72.5		409.3
0.0	10.0	90.0	0.0	27.4	72.6		443.5
100.0	0.0	0.0	100.0	0.0	0.0		204.8
90.0	0.0	10.0	78.1	0.0	21.9		237.1

Таблица № 1983 (продолжение)

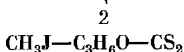
Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	метилаль	серо-углерод	хлороформ	метилаль	серо-углерод		
80.0	0.0	20.0	63.7	0.0	36.3	25	262.4
70.0	0.0	30.0	53.1	0.0	46.9		282.5
60.0	0.0	40.0	44.5	0.0	55.5		298.8
50.0	0.0	50.0	37.0	0.0	63.0		312.3
40.0	0.0	60.0	30.1	0.0	69.9		323.7
30.0	0.0	70.0	23.25	0.0	76.75		333.3
20.0	0.0	80.0	16.2	0.0	83.8		341.2
10.0	0.0	90.0	8.6	0.0	91.4		347.3
0.0	0.0	100.0	0.0	0.0	100.0		351.4

$$\lg \gamma_1 = -0.5953x_2^2 + 0.2304x_3^2 + 0.4426x_2^3 - 0.0352x_3^3 - 0.3457x_2x_3 + 0.0072x_2^2x_3 - 0.9014x_2x_3^2,$$

$$\lg \gamma_2 = 0.0680x_1^2 + 0.1868x_3^2 - 0.4426x_1^3 + 0.4308x_3^3 + 0.4758x_1x_3 - 1.3207x_1^2x_3 - 0.4122x_1x_3^2,$$

$$\lg \gamma_3 = 0.1777x_1^3 + 0.8329x_2^3 + 0.0352x_1^3 - 0.4308x_2^3 + 1.6068x_1x_2 - 0.7959x_1^2x_2 - 1.7045x_1x_2^2.$$

№ 1984 ЙОДИСТЫЙ МЕТИЛ—АЦЕТОН—СЕРОУГЛЕРОД [141]



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
йодистый метил	ацетон	сероуглерод	йодистый метил	ацетон	сероуглерод		
59.08	26.15	14.77	59.08	23.72	17.20	35	628
16.75	66.50	16.75	20.00	43.08	36.92		585
33.44	35.56	31.00	32.71	29.92	37.37		645
15.00	29.98	55.02	14.20	30.97	54.83		662
19.97	10.01	70.02	20.91	17.30	61.79		636

$$\lg \gamma_1 = 0.6038x_2^2 + 0.2056x_3^2 - 0.3251x_2^3 - 0.0298x_3^3 + 0.2079x_2x_3 - \\ - 0.6371x_2^2x_3 - 0.7534x_2x_3^2,$$

$$\lg \gamma_2 = 0.1162x_1^2 + 0.3742x_3^2 + 0.3251x_1^3 + 0.4116x_3^3 + 0.6615x_1x_3 + 0.3883x_1^2x_3 + 0.4546x_1x_3^2,$$

$$\lg \gamma_3 = 0.1609x_1^2 + 0.9917x_2^2 + 0.0255x_1^3 - 0.4116x_2^3 + 0.8673x_1x_2 - 0.6633x_1^2x_2 - 0.7803x_1x_2^2.$$

1 2 3



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метилаль	серо- углерод	ацетон	метилаль	серо- углерод		
0.0	100.0	0.0	0.0	100.0	0.0	25	225.6
10.0	90.0	0.0	19.7	80.3	0.0		253.0
0.0	90.0	10.0	0.0	64.8	35.2		316.0
20.0	80.0	0.0	34.8	65.2	0.0		278.6
10.0	80.0	10.0	14.0	54.6	31.4		333.2
0.0	80.0	20.0	0.0	52.0	48.0		369.7
30.0	70.0	0.0	46.9	53.1	0.0		301.7
20.0	70.0	10.0	26.1	46.3	27.6		351.3
10.0	70.0	20.0	11.45	42.75	45.8		390.5
0.0	70.0	30.0	0.0	41.0	59.0		409.2
40.0	60.0	0.0	56.8	43.2	0.0		322.6
30.0	60.0	10.0	36.7	38.4	24.9		368.6
20.0	60.0	20.0	22.0	36.0	42.0		403.5
10.0	60.0	30.0	10.5	35.0	54.5		420.7
0.0	60.0	40.0	0.0	37.5	62.5		434.5
50.0	50.0	0.0	65.3	34.7	0.0		342.4
40.0	50.0	10.0	46.1	31.2	22.7		384.9
30.0	50.0	20.0	31.7	29.7	38.6		417.2
20.0	50.0	30.0	20.5	29.0	50.5		432.9
10.0	50.0	40.0	10.2	31.4	58.4		445.0
0.0	50.0	50.0	0.0	35.2	64.8		442.9
60.0	40.0	0.0	72.4	27.6	0.0		361.7
50.0	40.0	10.0	54.4	24.7	20.9		400.7
40.0	40.0	20.0	40.6	23.55	35.85		431.1
30.0	40.0	30.0	29.9	23.1	47.0		446.3
20.0	40.0	40.0	20.1	25.2	54.7		456.8
10.0	40.0	50.0	10.7	28.4	60.9		454.9
0.0	40.0	60.0	0.0	33.8	66.2		445.7
70.0	30.0	0.0	79.7	20.3	0.0		375.7
60.0	30.0	10.0	62.1	18.5	19.4		414.3
50.0	30.0	20.0	48.8	17.6	33.6		444.8
40.0	30.0	30.0	38.7	17.3	44.0		459.9
30.0	30.0	40.0	29.7	19.0	51.3		469.4
20.0	30.0	50.0	21.6	20.1	58.3		460.1
10.0	30.0	60.0	12.0	25.6	62.4		460.4
0.0	30.0	70.0	0.0	32.6	67.4		446.0
80.0	20.0	0.0	86.4	13.6	0.0		390.4
70.0	20.0	10.0	69.0	12.35	18.65		430.1
60.0	20.0	20.0	56.45	11.85	31.7		457.7
50.0	20.0	30.0	46.85	11.6	41.55		474.3
40.0	20.0	40.0	38.8	12.7	48.5		483.4
30.0	20.0	50.0	31.1	14.5	54.4		479.3
20.0	20.0	60.0	24.0	17.2	58.8		475.8
10.0	20.0	70.0	14.4	21.95	63.65		462.9
0.0	20.0	80.0	0.0	30.2	69.8		442.6
90.0	10.0	0.0	93.0	7.0	0.0		403.7
80.0	10.0	10.0	74.3	6.2	19.5		452.3

Таблица № 1985 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метилаль	серо- углерод	ацетон	метилаль	серо- углерод		
70.0	10.0	20.0	63.4	6.0	30.6	25	472.0
60.0	10.0	30.0	54.9	5.9	39.2		485.5
50.0	10.0	40.0	47.5	6.4	46.1		497.3
40.0	10.0	50.0	41.55	7.25	51.2		497.7
30.0	10.0	60.0	35.8	8.7	55.5		492.4
20.0	10.0	70.0	28.9	11.0	60.1		482.0
10.0	10.0	80.0	18.7	15.3	66.0		401.8
0.0	10.0	90.0	0.0	23.5	76.5		423.7
100.0	0.0	0.0	100.0	0.0	0.0		415.9
90.0	0.0	10.0	82.4	0.0	17.6		457.1
80.0	0.0	20.0	69.9	0.0	30.1		488.0
70.0	0.0	30.0	61.8	0.0	38.2		502.9
60.0	0.0	40.0	56.5	0.0	43.5		512.4
50.0	0.0	50.0	51.1	0.0	48.9		512.8
40.0	0.0	60.0	47.2	0.0	52.8		509.5
30.0	0.0	70.0	43.2	0.0	56.8		501.0
20.0	0.0	80.0	37.7	0.0	62.3		483.2
10.0	0.0	90.0	27.4	0.0	72.6		443.7
0.0	0.0	100.0	0.0	0.0	100.0		351.4

$$\lg \gamma_1 = 0.0536x_2^2 + 0.2665x_3^2 + 0.0715x_2^3 + 0.5869x_3^3 + 0.3710x_2x_3 - 0.1762x_2^2x_3 - 0.0916x_2x_3^2,$$

$$\lg \gamma_2 = 0.1608x_1^2 + 0.1868x_3^2 - 0.0715x_1^3 + 0.4308x_3^3 + 0.1269x_1x_3 + 0.3907x_1^2x_3 - 0.4753x_1x_3^2,$$

$$\lg \gamma_3 = 0.8329x_2^2 + 1.1469x_2^3 - 0.4308x_1^3 - 0.5869x_2^3 + 2.0143x_1x_2 - 1.8523x_1^2x_2 - 1.7676x_1x_2^2.$$

№ 1986

[948]

МЕТИЛОВЫЙ СПИРТ—ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—БЕНЗОЛ
 $\text{CH}_3\text{O}-\text{CCl}_4-\text{C}_6\text{H}_6$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилловый спирт	четырёх- хлористый углерод	бензол	метилловый спирт	четырёх- хлористый углерод	бензол		
20.75	19.00	60.25	49.20	14.72	36.08	34.68	291.11
21.10	38.79	40.11	48.04	27.74	24.22		302.13
19.87	58.76	21.37	47.33	39.99	12.68		308.63
37.81	31.22	30.97	50.43	27.47	22.10		307.23
55.43	20.78	23.79	53.08	25.01	21.91		308.13
75.99	10.76	13.25	59.03	20.80	20.17	55.00	298.80
18.80	19.60	61.60	51.52	13.87	34.61		665.26
19.83	39.61	40.56	51.30	26.24	22.40		690.29
19.82	39.63	40.55	51.09	26.28	22.63		689.67
19.45	59.22	21.33	50.68	37.33	11.99		706.51
35.90	32.30	31.80	53.97	25.39	20.64		711.17
55.57	21.34	23.09	56.72	23.16	20.12		717.20
75.15	11.15	13.70	62.09	19.25	18.66		703.34
84.33	8.14	7.53	67.36	18.90	13.74		680.86

АЦЕТОН — ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД — ТРИХЛОРЕТИЛЕН



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	четырёх- хлористый углерод	трихлорэти- лен	ацетон	четырёх- хлористый углерод	трихлорэти- лен	ацетон	четырёх- хлористый углерод	трихлорэти- лен		
10	80	10	30.0	67.0	3.0	1.925	1.040	0.518	69.5	760
10	70	20	30.0	64.0	6.0	1.845	1.093	0.400	70.8	
10	60	30	30.0	56.5	13.5	1.781	1.084	0.713	72.0	
10	50	40	30.0	48.0	22.0	1.727	1.095	0.809	73.0	
10	40	50	30.0	42.0	28.0	1.671	1.127	0.830	74.2	
10	30	60	30.0	34.0	36.0	1.543	1.196	0.873	74.7	
10	20	70	30.0	25.0	45.0	1.606	1.283	0.905	75.2	
10	10	80	30.0	15.0	55.0	1.500	1.425	0.884	78.0	
20	70	10	44.0	53.0	3.0	1.626	1.092	0.600	65.0	
20	60	20	46.0	49.0	5.0	1.618	1.116	0.488	66.5	
20	50	30	48.0	45.0	7.0	1.640	1.200	0.431	67.5	
20	40	40	51.0	39.0	10.0	1.712	1.250	1.120	68.5	
20	30	50	50.0	32.0	18.0	1.600	1.324	0.622	69.5	
20	20	60	50.0	23.0	27.0	1.537	1.382	0.970	70.8	
20	10	70	49.0	13.0	38.0	1.455	1.497	0.860	72.0	
30	60	10	53.0	45.0	2.0	1.459	1.160	0.425	62.5	
30	50	20	54.0	41.5	4.5	1.373	1.220	0.467	64.0	
30	40	30	55.0	36.0	9.0	1.355	1.286	0.378	65.0	
30	30	40	56.0	30.0	14.0	1.340	1.390	0.541	66.0	
30	20	50	58.0	22.0	20.0	1.342	1.488	0.713	67.0	
30	10	60	60.0	12.0	28.0	1.347	1.561	0.845	68.0	
40	50	10	58.0	38.0	4.0	1.274	1.278	0.836	60.0	
40	40	20	61.0	34.0	5.0	1.238	1.334	0.699	62.0	
40	30	30	65.0	28.0	7.0	1.281	1.417	0.501	63.0	
40	20	40	68.0	21.0	11.0	1.300	1.509	0.572	64.0	
40	10	50	72.0	11.0	17.0	1.322	1.571	0.563	65.2	
50	40	10	67.0	31.0	2.0	1.200	1.332	0.654	59.2	
50	30	20	70.0	23.0	7.0	1.200	1.300	0.828	60.3	
50	20	30	74.0	19.0	7.0	1.223	1.510	0.782	61.6	
50	10	40	77.0	11.0	12.0	1.219	1.685	0.614	62.8	
60	30	10	73.0	25.0	2.0	1.122	1.473	0.662	58.4	
60	20	20	76.0	19.0	5.0	1.124	1.616	0.654	59.5	
60	10	30	79.0	10.0	11.0	1.116	1.638	0.849	60.8	
70	20	10	78.0	19.0	3.0	1.053	1.727	0.786	57.7	
70	10	20	83.0	10.0	7.0	1.070	1.735	0.269	59.0	
80	15	5	83.5	15.0	1.5	1.022	1.872	0.817	56.8	
80	10	10	86.0	10.0	4.0	1.025	1.827	0.730	57.4	
80	5	15	90.0	5.0	5.0	1.053	1.792	0.861	58.0	
90	5	5	95.0	3.0	2.0	1.042	1.642	0.213	56.7	

ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—МЕТИЛЭТИЛКЕТОН—
ТРИХЛОРЭТИЛЕН
 $\text{CCl}_4\text{—C}_4\text{H}_8\text{O—C}_2\text{HCl}_3$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
четыре- хлористый углерод	метилэтил- кетон	трихлор- этилен	четыре- хлористый углерод	метилэтил- кетон	трихлор- этилен		
3.0	30.0	67.0	5.4	35.1	59.5	83.3	760
4.0	3.5	92.5	5.1	5.1	89.8	86.0	
4.5	6.5	89.0	5.1	8.5	86.4	85.5	
6.2	44.2	49.6	9.0	48.5	42.5	81.7	
7.0	7.5	85.5	9.0	9.5	81.5	85.0	
7.1	79.9	13.0	11.1	78.2	10.7	78.6	
7.5	12.0	80.5	10.1	15.1	74.8	84.5	
7.5	15.0	77.5	10.6	18.1	71.3	84.2	
7.5	19.0	73.5	11.2	23.0	65.8	83.8	
7.5	21.5	71.0	11.4	26.0	62.6	83.5	
8.5	10.5	81.0	10.8	12.7	76.5	84.6	
9.5	27.5	63.0	13.5	31.5	55.0	82.6	
10.0	54.5	35.5	15.1	56.4	28.1	80.1	
11.0	59.0	30.0	16.4	59.5	24.1	79.4	
11.5	21.0	67.5	17.1	25.4	57.5	83.0	
11.8	27.0	41.2	17.1	30.5	52.4	82.3	
12.5	65.5	22.0	18.2	64.1	17.7	78.5	
12.8	23.4	63.8	18.2	27.9	53.9	82.5	
14.0	61.0	25.0	20.2	60.8	19.0	78.6	
14.5	21.9	63.6	20.6	26.2	53.2	82.4	
14.5	35.4	50.1	20.2	38.5	41.3	81.0	
15.0	72.0	13.0	20.5	69.3	10.2	77.4	
15.3	32.5	52.2	20.7	35.6	43.7	81.1	
16.0	26.0	58.0	21.0	29.2	51.8	81.8	
16.0	68.5	21.5	21.0	65.0	14.0	77.5	
16.0	83.0	1.0	21.5	76.5	2.0	76.4	
16.5	41.4	42.1	21.4	44.0	34.6	80.1	
17.0	70.5	12.5	23.2	67.2	9.6	77.1	
17.1	55.4	27.5	23.7	55.5	20.8	78.5	
17.3	38.5	44.2	23.8	40.6	35.6	80.2	
17.5	30.5	52.0	23.6	33.8	42.6	81.0	
17.5	78.0	4.5	24.7	71.2	4.1	76.5	
18.0	75.5	6.5	25.5	69.0	5.5	76.5	
19.1	47.5	33.4	25.4	49.1	25.5	79.0	
20.0	21.5	58.5	26.5	25.4	48.1	81.7	
20.0	31.5	48.5	26.7	34.5	38.8	80.6	
20.4	27.6	52.0	27.2	30.9	41.9	80.9	
21.2	34.0	44.8	27.8	37.0	35.2	80.1	
22.3	39.7	38.0	29.0	41.5	29.5	79.3	
23.0	20.0	57.0	29.8	23.7	46.5	81.5	
24.2	47.2	28.6	30.8	48.2	21.0	78.0	
24.3	37.2	38.5	30.5	39.4	30.1	79.3	
24.9	29.6	45.5	31.7	32.0	36.3	80.0	
25.0	21.5	53.5	32.1	25.6	41.3	81.0	
25.0	38.7	36.3	31.5	40.9	27.6	78.9	
27.1	54.9	18.0	34.0	53.6	12.4	76.6	

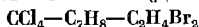
Таблица № 1988 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
четырёх-хлористый углерод	метилэтил-кетон	трихлор-этилен	четырёх-хлористый углерод	метилэтил-кетон	трихлор-этилен		
29.9	40.0	30.1	37.0	41.7	21.3	77.9	760
30.0	60.0	10.0	37.2	56.2	6.6	75.7	
30.5	19.4	50.1	38.1	22.2	39.7	80.5	
31.2	16.1	52.7	38.1	18.0	43.9	81.0	
34.4	18.1	17.5	40.5	47.5	12.0	76.0	
35.0	5.2	59.8	41.5	6.8	51.7	82.1	
38.5	11.2	50.3	45.4	13.9	40.7	80.8	
38.5	49.5	12.0	44.0	47.9	8.1	75.2	
39.4	34.2	26.4	44.8	36.0	19.2	77.1	
41.0	38.4	20.6	46.9	39.4	13.7	76.2	
41.4	25.4	33.2	48.1	28.5	23.4	78.0	
45.6	19.4	35.0	51.0	22.4	26.6	78.4	
47.4	39.2	13.4	51.2	40.4	8.4	75.2	
47.6	9.2	43.2	53.7	11.6	34.7	80.0	
50.2	28.1	21.7	54.9	30.4	14.7	76.5	
50.4	11.2	38.4	57.0	14.2	28.8	79.1	
53.6	16.1	30.3	59.0	19.2	21.8	78.0	
55.5	19.1	25.4	59.0	22.0	19.0	77.1	
57.9	27.4	14.7	59.7	29.5	10.8	75.6	
60.1	13.8	26.1	63.8	17.0	19.2	77.5	
62.5	7.0	30.5	67.2	9.5	23.3	78.7	
63.1	22.0	14.9	64.7	25.8	9.5	75.9	
68.5	13.4	18.1	70.0	17.5	12.5	76.7	
75.4	12.2	12.4	75.7	15.5	8.8	76.3	
77.0	4.8	18.2	79.6	7.2	13.2	77.7	
79.0	13.1	7.9	77.1	16.6	6.3	75.9	
85.5	6.5	8.0	85.0	8.5	6.5	76.7	

№ 1989

[621]

**ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—ТОЛУОЛ—
БРОМИСТЫЙ ЭТИЛЕН (ДИБРОМЭТАН)**



Состав жидкости, мол. %			Состав пара, мол. %			t	P
четырёх-хлористый углерод	толуол	бромистый этилен	четырёх-хлористый углерод	толуол	бромистый этилен		
74.50	25.50	0.00	88.4	11.6	0.0	83	760
74.67	22.02	3.31	88.4	10.1	1.5	83	
75.24	13.97	10.79	90.2	6.2	3.6	83	
75.36	10.20	14.44	90.8	4.3	4.9	83	
75.61	0.05	17.74	91.4	3.0	5.6	82	
75.81	3.25	20.94	91.7	1.3	7.0	83	
76.12	0.00	23.88	92.3	0.0	7.7	83	
46.68	53.32	0.00	68.7	31.3	0.0	91	
46.87	52.22	0.91	68.8	30.8	0.4	91	
48.92	35.03	16.05	73.8	20.0	6.2	91	

Таблица № 1989 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
четырёх-хлористый углерод	толуол	бромистый этилен	четырёх-хлористый углерод	толуол	бромистый этилен		
49.91	20.85	29.24	77.2	11.8	11.0	91	760
50.12	14.77	35.11	78.6	8.5	12.9	91	
50.35	9.35	40.30	80.4	5.1	14.5	91	
50.79	0.00	49.21	82.8	0.0	17.2	91	
24.70	75.30	0.00	45.0	55.0	0.0	99	
26.17	65.56	8.27	47.8	48.2	4.0	99	
28.76	48.05	23.19	55.3	34.3	10.4	99	
30.35	33.80	35.85	59.9	23.9	16.2	99	
31.50	22.55	45.95	63.6	16.4	20.0	99	
32.35	9.53	58.12	68.5	6.9	24.6	99	
32.79	0.00	67.21	71.8	0.0	28.2	99	
6.17	93.83	0.00	14.0	86.0	0.0	107	
10.74	71.81	17.45	24.4	65.4	10.2	107	
13.92	54.25	31.83	32.5	49.1	18.4	107	
16.02	40.15	43.83	39.9	36.0	24.1	107	
18.48	20.59	60.93	40.1	19.0	31.9	107	
20.07	8.38	71.55	55.6	8.1	36.3	107	
25.80	0.00	74.20	60.4	0.0	39.6	107	
0.00	67.46	32.54	0.0	77.6	22.4	115	
3.41	51.25	45.34	10.3	58.6	31.1	115	
5.80	38.78	55.42	19.3	43.3	37.4	115	
7.59	29.59	62.82	24.7	34.9	40.4	115	
9.75	16.28	73.97	33.6	19.2	47.2	115	
11.08	7.92	81.00	39.1	9.9	51.0	115	
11.95	0.00	88.05	44.9	0.0	55.1	115	

№ 1990

[420]

ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—ЭТИЛОВЫЙ СПИРТ—БЕНЗОЛ
 $\text{CCl}_4-\text{C}_2\text{H}_5\text{O}-\text{C}_6\text{H}_6$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
четырёх-хлористый углерод	этиловый спирт	бензол	четырёх-хлористый углерод	этиловый спирт	бензол		
4.1	0.8	95.1	4.5	4.0	91.5	78.33	760
21.0	0.2	78.8	23.0	3.0	74.0	77.37	
1.3	98.2	0.5	6.6	92.5	0.9	76.96	
3.9	1.9	94.2	4.4	8.4	87.2	76.79	
46.0	0.0	54.0	47.4	2.4	50.2	76.62	
4.1	97.5	1.4	4.8	90.7	4.5	76.62	
21.0	0.8	78.2	17.8	5.0	77.2	76.55	
0.9	95.0	4.1	3.4	85.4	11.2	75.70	
48.7	1.0	50.3	40.2	4.8	46.0	75.59	
49.3	1.9	48.8	50.4	5.1	44.5	75.46	

Таблица № 1990 (продолжение)

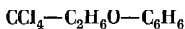
Состав жидкости, мол. %			Состав пара, мол. %			t	P
четырёх-хлористый углерод	этиловый спирт	бензол	четырёх-хлористый углерод	этиловый спирт	бензол		
87.6	0.7	11.7	83.8	4.8	11.4	74.79	760
5.1	94.1	0.8	18.5	79.5	2.0	74.00	
3.2	4.6	92.2	3.3	20.5	76.2	73.18	
88.7	1.5	9.8	80.9	9.7	9.4	72.95	
4.4	93.1	2.5	13.9	75.8	10.3	72.83	
47.2	2.5	50.3	43.8	10.3	45.9	72.32	
4.6	88.2	10.2	4.7	71.1	24.2	72.21	
6.9	85.4	7.7	19.2	63.4	17.4	70.65	
0.4	76.2	23.4	0.9	58.8	40.3	69.70	
19.1	9.4	71.5	17.5	28.5	54.0	69.50	
2.5	82.5	15.0	7.6	57.7	34.7	69.47	
15.4	82.5	2.1	47.1	47.8	5.1	69.11	
2.1	17.6	80.3	2.0	36.2	61.8	69.00	
0.8	58.8	40.4	1.3	49.4	49.3	68.25	
1.7	33.8	64.5	2.0	41.0	57.0	68.08	
1.5	37.0	61.5	1.7	42.3	56.0	68.02	
1.2	45.2	53.0	1.5	44.8	53.7	67.98	
84.2	6.3	9.5	67.0	25.9	7.1	67.91	
6.9	63.2	29.9	11.3	49.0	39.7	67.86	
16.0	23.4	60.6	15.4	36.6	48.0	67.66	
14.4	70.1	15.5	26.4	50.1	23.5	67.60	
41.1	14.8	44.1	35.2	31.9	32.9	67.50	
13.9	31.6	54.5	14.6	39.4	46.0	67.37	
9.6	50.2	40.2	12.8	44.4	42.8	67.36	
10.9	45.7	43.4	13.4	42.8	43.8	67.28	
14.5	41.9	43.6	18.3	41.6	40.1	67.02	
20.9	70.0	3.1	47.2	48.1	4.7	66.62	
21.3	56.1	22.6	30.1	44.2	25.7	66.58	
27.3	44.0	28.7	31.3	41.4	27.3	66.34	
32.6	33.5	33.9	32.7	38.4	28.9	66.33	
26.8	40.9	32.3	29.6	40.5	29.9	66.24	
29.3	41.3	29.4	31.8	42.3	25.9	66.22	
30.7	60.2	9.1	44.7	44.1	11.2	66.10	
36.8	40.2	23.0	39.3	39.7	21.0	65.89	
40.5	39.4	20.1	42.5	39.5	18.0	65.77	
41.2	39.4	19.4	43.2	39.0	17.8	65.73	
63.2	24.6	12.2	55.6	34.5	9.9	65.68	
42.2	51.0	6.8	52.3	40.6	7.1	65.54	
46.7	44.7	8.6	51.3	39.8	8.9	65.41	
56.8	34.2	9.0	53.2	38.4	8.4	65.39	
65.5	27.4	7.1	59.2	34.2	6.6	65.41	
57.3	33.7	9.0	54.8	37.6	7.6	65.38	

ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—ЭТИЛОВЫЙ СПИРТ—БЕНЗОЛ

1

2

3



Состав жидкости, мол. %			Состав пара, мол. %			t	P
четыре-хлористый углерод	этиловый спирт	бензол	четыре-хлористый углерод	этиловый спирт	бензол		
0.0	100.0	0.0	0.0	100.0	0.0	50	223.0
10.0	90.0	0.0	33.7	66.3	0.0		304.1
0.0	90.0	10.0	0.0	63.5	36.5		321.8
20.0	80.0	0.0	49.8	50.2	0.0		365.1
10.0	80.0	10.0	23.0	50.5	26.5		369.9
0.0	80.0	20.0	0.0	52.8	47.2		363.9
30.0	70.0	0.0	58.1	41.9	0.0		402.5
20.0	70.0	10.0	37.0	43.1	19.9		401.3
10.0	70.0	20.0	18.2	45.3	36.5		393.2
0.0	70.0	30.0	0.0	48.4	51.6		380.2
40.0	60.0	0.0	62.3	37.7	0.0		421.2
30.0	60.0	10.0	45.6	39.0	15.4		417.8
20.0	60.0	20.0	30.3	40.9	28.8		410.2
10.0	60.0	30.0	15.4	43.3	41.3		399.5
0.0	60.0	40.0	0.0	46.4	53.6		385.9
50.0	50.0	0.0	64.2	35.8	0.0		428.3
40.0	50.0	10.0	50.8	37.0	12.2		424.1
30.0	50.0	20.0	38.2	38.6	23.2		418.1
20.0	50.0	30.0	25.9	40.4	33.7		410.1
10.0	50.0	40.0	13.4	42.6	44.0		399.6
0.0	50.0	50.0	0.0	45.3	54.7		387.1
60.0	40.0	0.0	64.7	35.3	0.0		429.3
50.0	40.0	10.0	53.8	36.4	9.8		426.0
40.0	40.0	20.0	43.3	37.6	19.1		421.2
30.0	40.0	30.0	33.1	38.8	28.1		415.2
20.0	40.0	40.0	22.7	40.4	36.9		407.8
10.0	40.0	50.0	11.9	42.1	46.0		398.6
0.0	40.0	60.0	0.0	44.2	55.8		387.4
70.0	30.0	0.0	64.6	35.4	0.0		429.9
60.0	30.0	10.0	55.5	36.2	8.3		426.3
50.0	30.0	20.0	46.7	37.0	16.3		422.7
40.0	30.0	30.0	38.1	37.9	24.0		417.4
30.0	30.0	40.0	29.4	38.7	31.9		411.5
20.0	30.0	50.0	20.4	39.7	39.9		404.2
10.0	30.0	60.0	10.7	40.8	48.5		395.4
0.0	30.0	70.0	0.0	42.1	57.9		384.5
80.0	20.0	0.0	65.3	34.7	0.0		427.2
70.0	20.0	10.0	57.6	35.2	7.2		424.1
60.0	20.0	20.0	50.0	35.6	14.4		420.6
50.0	20.0	30.0	42.6	35.9	21.5		415.1
40.0	20.0	40.0	35.0	36.2	28.8		409.6
30.0	20.0	50.0	27.1	36.6	36.3		402.7

Таблица № 1991 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
четырёх-хлористый углерод	этиловый спирт	бензол	четырёх-хлористый углерод	этиловый спирт	бензол		
20.0	20.0	60.0	18.9	36.9	44.2	50	394.7
10.0	20.0	70.0	10.0	37.3	52.7		385.2
0.0	20.0	80.0	0.0	37.8	62.2		373.9
90.0	10.0	0.0	70.5	29.5	0.0		406.9
80.0	10.0	10.0	63.6	29.6	6.8		404.0
70.0	10.0	20.0	56.4	29.6	14.0		399.9
60.0	10.0	30.0	49.4	29.4	21.2		394.6
50.0	10.0	40.0	42.4	29.2	28.7		389.4
40.0	10.0	50.0	34.8	29.1	36.1		381.2
30.0	10.0	60.0	27.1	28.8	44.1		373.5
20.0	10.0	70.0	18.9	28.4	52.7		364.7
10.0	10.0	80.0	10.1	28.0	61.9		355.3
0.0	10.0	90.0	0.0	27.8	72.2		343.5
100.0	0.0	0.0	100.0	0.0	0.0		311.0
90.0	0.0	10.0	91.0	0.0	9.0		307.7
80.0	0.0	20.0	81.9	0.0	18.1		304.4
70.0	0.0	30.0	72.5	0.0	27.5		301.2
60.0	0.0	40.0	63.4	0.0	36.6		297.9
50.0	0.0	50.0	53.5	0.0	46.5		294.5
40.0	0.0	60.0	43.7	0.0	56.3		290.8
30.0	0.0	70.0	33.5	0.0	66.5		286.5
20.0	0.0	80.0	22.8	0.0	77.2		281.5
10.0	0.0	90.0	11.9	0.0	88.1		276.9
0.0	0.0	100.0	0.0	0.0	100.0		270.9

$$\lg \gamma_1 = 1.4307x_2^2 + 0.0126x_3^2 - 0.8789x_2^3 + 0.0190x_3^3 + 0.0702x_2x_3 - \\ - 0.5708x_2^2x_3 + 0.3506x_2x_3^2,$$

$$\lg \gamma_2 = 0.1127x_1^2 + 0.8008x_3^2 + 0.8789x_1^3 - 0.0234x_3^3 + 0.7251x_1x_3 + \\ + 2.0660x_1^2x_3 + 1.1447x_1x_3^2,$$

$$\lg \gamma_3 = 0.0285x_1^2 + 0.7650x_2^2 - 0.0190x_1^3 + 0.0234x_2^3 - 0.3385x_1x_2 + \\ + 0.2935x_1^2x_2 + 1.2582x_1x_2^2.$$

**ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—ЦИКЛОГЕКСАН—
ИЗОПРОПИЛОВЫЙ СПИРТ**
 $\text{CCl}_4\text{—C}_6\text{H}_{12}\text{—C}_3\text{H}_8\text{O}$

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
четыре-хлористый углерод	циклогексан	изопропиловый спирт	четыре-хлористый углерод	циклогексан	изопропиловый спирт	четыре-хлористый углерод	циклогексан	изопропиловый спирт		
8.0	22.0	70.0	16.4	31.6	52.0	2.415	1.872	1.160	71.18	760
8.8	32.2	59.0	24.0	33.6	42.4	3.314	1.431	1.191	70.19	
10.0	5.5	84.5	18.3	24.0	57.7	2.058	5.535	1.004	72.69	
10.0	25.9	64.1	33.4	16.9	49.7	3.858	8.482	3.831	71.85	
11.7	44.7	43.6	13.3	48.5	38.2	1.439	1.553	1.514	68.80	
11.8	22.4	65.8	15.5	37.6	46.9	1.597	2.274	1.160	70.17	
11.9	36.7	51.4	14.7	42.8	42.5	1.552	1.655	1.404	69.10	
13.3	66.7	20.0	12.6	55.7	31.7	1.190	1.185	2.690	69.10	
19.6	29.4	51.0	27.4	32.0	40.6	1.751	1.539	1.347	69.21	
20.1	73.8	6.1	21.0	55.0	24.0	1.277	1.029	6.439	69.97	
20.2	21.9	47.9	27.3	29.4	43.3	1.687	1.892	1.258	69.28	
22.2	37.9	39.9	22.9	40.3	36.8	1.314	1.533	1.598	68.60	
22.4	37.1	40.5	25.7	38.1	36.2	1.460	1.478	1.550	68.65	
23.5	57.5	19.0	24.5	43.7	31.8	1.311	1.080	2.854	69.03	
24.2	72.1	3.7	20.1	63.0	16.9	1.005	1.181	7.275	70.69	
25.0	5.7	69.3	31.3	23.4	45.3	1.554	5.754	1.091	69.46	
25.1	42.9	32.0	24.8	39.7	35.5	1.245	1.315	1.622	69.02	
25.3	47.3	27.4	23.1	44.1	32.8	1.158	1.343	2.062	68.60	
32.6	15.4	52.0	38.9	19.8	41.3	1.510	1.841	1.366	68.82	
33.0	10.0	57.0	52.0	0.0	48.0	1.970	0.987	1.418	69.31	
33.5	11.6	54.9	43.1	19.0	37.9	1.616	2.324	1.173	69.11	
35.1	21.5	43.4	39.6	23.0	37.4	1.435	1.538	1.494	68.67	
35.1	32.0	32.9	34.4	30.9	34.7	1.252	1.395	1.836	68.50	
35.6	39.9	24.5	22.4	48.6	29.0	0.790	1.728	2.005	69.10	
36.1	28.4	35.5	36.7	28.8	34.5	1.298	1.464	1.694	68.54	
38.0	39.4	22.6	34.3	34.6	31.1	1.150	1.265	2.385	68.60	
38.1	36.5	25.4	35.2	32.7	32.1	1.178	1.289	2.193	68.66	
38.3	43.6	18.1	35.0	36.3	28.7	1.146	1.179	2.686	69.16	
38.7	22.3	39.0	41.3	23.3	35.4	1.367	1.515	1.587	68.40	
39.3	55.7	5.0	34.0	51.0	15.0	1.029	1.227	4.739	70.87	
39.7	47.2	13.1	34.5	38.8	26.7	1.081	1.155	3.416	69.40	
40.6	16.3	43.1	33.8	33.7	32.5	1.065	2.992	1.316	68.44	
41.0	54.0	5.0	35.8	42.6	21.6	1.042	1.079	6.992	70.28	
44.8	2.7	52.5	48.8	17.1	34.1	1.372	1.108	1.148	68.25	
46.3	7.5	46.2	54.0	9.0	37.0	1.482	1.722	1.373	68.73	
46.5	11.8	41.7	52.5	12.4	35.1	1.441	1.514	1.464	68.59	
47.3	13.5	39.2	50.2	13.9	35.9	1.352	1.485	1.591	68.55	
48.1	17.9	34.0	47.7	19.5	32.8	1.271	1.579	1.687	68.40	
48.3	17.2	34.5	48.0	17.2	34.8	1.273	1.447	1.869	68.45	
48.9	24.0	27.1	45.1	21.5	33.4	1.175	1.289	2.773	68.62	
49.3	23.0	27.7	47.0	22.0	31.0	1.222	1.386	1.958	68.45	

Таблица № 1992 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
четырёх-хлористый углерод	циклогексан	изопропиловый спирт	четырёх-хлористый углерод	циклогексан	изопропиловый спирт	четырёх-хлористый углерод	циклогексан	изопропиловый спирт		
50.3	29.1	20.6	48.2	19.6	32.2	1.216	9.649	2.696	68.78	760
51.4	35.0	13.6	45.8	28.1	26.1	1.111	1.131	3.236	69.29	
51.4	45.2	3.4	48.0	35.3	16.7	1.085	1.023	7.506	71.64	
52.4	37.9	9.7	45.7	29.2	25.1	1.079	1.076	4.305	69.60	
53.0	45.8	1.2	46.5	34.0	19.5	1.047	1.000	2.577	70.79	
56.7	11.8	34.5	56.3	11.1	32.6	1.271	1.361	1.802	68.45	
58.5	7.5	34.0	60.1	6.3	33.6	1.316	1.214	1.731	68.43	
61.7	19.2	19.1	55.1	16.5	28.4	1.130	1.230	2.551	68.64	
62.2	14.5	23.3	57.7	13.2	29.1	1.182	1.312	2.165	68.60	
63.0	24.1	12.9	56.0	20.1	23.9	1.143	1.213	3.255	68.30	
64.5	32.6	2.9	60.0	26.7	13.3	1.056	1.048	6.908	72.40	
72.5	9.0	18.5	58.6	25.2	16.2	1.017	3.986	1.493	69.00	
73.0	5.5	21.5	67.2	1.3	31.5	1.165	3.384	2.525	68.80	
75.7	10.3	14.0	66.1	8.6	25.3	1.016	1.190	3.081	69.00	
77.0	17.9	5.1	69.9	16.3	13.8	1.055	1.189	4.155	71.60	
87.5	3.2	9.3	76.3	3.7	20.0	1.061	1.592	3.512	70.10	
88.4	5.8	5.8	80.1	6.3	13.6	1.058	1.431	3.607	71.50	
88.9	7.7	3.4	84.8	7.8	7.4	1.096	1.306	3.267	72.16	
89.3	6.8	3.9	82.7	6.6	10.7	1.054	1.246	4.084	72.30	
95.2	2.2	2.6	89.3	2.1	8.6	1.115	1.203	4.923	72.90	

№ 1993

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ЧЕТЫРЕХХЛОРИСТЫЙ УГЛЕРОД—
МЕТИЛЭТИЛКЕТОН—ЦИКЛОГЕКСАН



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
четырёх-хлористый углерод	метилэтил-кетон	циклогексан	четырёх-хлористый углерод	метилэтил-кетон	циклогексан	четырёх-хлористый углерод	метилэтил-кетон	циклогексан		
1.15	47.85	51.00	1.00	49.10	49.90	1.023	1.330	1.303	71.5	760
4.00	48.50	47.50	3.50	47.25	49.25	1.026	1.264	1.362	71.5	
7.25	45.25	47.50	6.50	45.25	48.25	1.055	1.297	1.352	71.5	
16.10	40.20	43.70	14.30	41.10	44.60	1.035	1.313	1.346	71.8	
23.90	35.85	40.25	20.75	38.75	40.50	0.993	1.361	1.302	72.4	
30.75	32.75	36.50	26.50	37.75	35.75	0.973	1.432	1.244	72.8	
29.10	30.10	40.80	25.30	36.10	38.60	0.982	1.490	1.200	73.0	
1.00	41.50	57.50	0.90	45.00	54.10	1.059	1.416	1.253	71.5	
0.80	41.80	57.40	0.80	47.20	52.00	1.177	1.375	1.273	71.5	

Таблица № 1993 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
четырёх-хлористый углерод	метилэтил-кетон	циклогексан	четырёх-хлористый углерод	метилэтил-кетон	циклогексан	четырёх-хлористый углерод	метилэтил-кетон	циклогексан		
0.75	49.15	50.20	0.70	48.40	50.90	1.098	1.285	1.349	71.5	760
3.10	47.90	49.00	2.75	47.65	49.60	1.025	1.299	1.349	71.5	
3.50	51.10	45.40	3.20	49.10	47.70	1.073	1.243	1.394	71.6	
3.30	56.00	40.70	2.70	51.30	46.00	1.153	1.176	1.490	71.8	
3.00	59.40	37.00	2.90	53.00	43.50	0.932	1.159	1.544	71.8	
2.70	63.80	33.50	2.60	55.80	41.60	1.115	1.116	1.628	72.0	
5.10	62.30	32.60	5.25	53.50	41.25	1.185	1.088	1.647	72.2	
10.10	58.80	34.10	40.00	51.15	38.85	1.444	1.095	1.642	72.4	
16.80	52.15	31.05	16.50	48.10	35.40	1.124	1.133	1.492	72.4	
47.00	48.00	5.00	50.25	43.45	6.30	1.172	1.189	1.560	73.8	
46.25	47.75	6.00	48.00	42.80	9.20	1.136	1.078	1.533	73.8	
43.50	45.20	11.30	43.70	42.80	13.50	1.120	1.200	1.507	73.2	
41.10	42.00	16.90	40.40	40.60	19.00	1.000	1.190	1.423	73.1	
48.75	37.25	14.00	46.25	40.25	13.50	1.055	1.321	1.213	73.3	
52.25	35.25	12.50	50.10	36.90	13.00	1.059	1.272	1.299	73.5	
47.75	2.75	49.50	49.50	6.90	43.60	1.069	2.735	0.992	76.9	
47.80	4.40	47.80	47.70	9.90	42.40	1.013	2.489	1.013	76.4	
45.90	7.40	46.70	43.00	17.30	39.70	0.964	2.637	0.989	75.8	
41.20	16.40	42.40	36.10	27.10	36.80	0.954	1.924	1.064	74.1	
39.10	20.60	40.30	34.10	30.60	35.30	0.961	1.799	1.064	73.6	
37.10	17.30	45.60	34.80	29.70	38.50	0.938	2.065	1.050	73.8	
30.00	17.90	52.10	25.60	34.30	43.10	0.940	2.116	1.030	73.6	
3.25	7.95	88.80	3.40	20.40	76.20	1.052	2.839	0.979	76.4	
7.20	11.30	81.50	6.85	25.85	67.30	0.997	2.630	0.978	75.2	
11.60	10.60	77.80	10.80	24.45	64.75	0.976	2.669	0.992	75.0	
13.50	9.75	76.75	13.00	23.00	64.00	0.993	2.686	0.979	75.5	
13.25	14.60	72.15	12.25	27.25	60.50	0.993	2.297	1.010	74.4	
12.50	18.50	69.00	10.80	56.50	32.70	0.955	2.147	1.023	73.5	
2.50	91.70	5.80	3.50	85.10	11.40	1.372	0.996	2.176	77.4	
3.00	88.25	8.75	4.30	79.20	16.50	1.448	0.993	2.152	76.4	
4.25	84.75	11.00	5.40	70.20	24.40	1.340	0.958	2.644	75.0	
3.80	79.80	16.40	4.80	65.50	29.70	1.303	0.973	2.214	74.2	
3.60	75.90	20.50	4.10	63.90	32.00	1.247	1.013	1.920	73.8	
3.60	71.90	24.50	3.70	63.30	33.00	1.153	1.087	1.840	73.0	
9.40	68.50	22.10	10.10	57.15	32.75	1.171	1.023	1.828	73.2	
15.20	66.00	18.80	16.80	54.70	28.50	1.221	1.007	1.925	73.5	
76.60	17.30	6.10	71.70	22.55	5.75	0.996	1.524	1.134	74.7	
73.00	20.80	6.20	68.40	25.60	6.00	1.010	1.456	1.180	74.3	
69.10	21.40	9.50	63.90	26.35	9.75	0.997	1.467	1.259	74.1	
68.40	21.20	10.40	63.20	26.30	10.50	0.996	1.469	1.230	74.3	
64.30	16.30	19.40	59.70	23.30	17.00	1.001	1.630	1.060	74.3	

$$\lg \gamma_1 = x_1^2 (0.160 + 0.12x_1) - x_2x_3 [0.184 + 0.194x_3 - 0.314(1 - 2x_1)],$$

$$\lg \gamma_2 = x_2^2 (0.501 - 0.194x_2) + x_1^2 (0.22 - 0.12x_2) +$$

$$+ x_1x_3 [0.624 - 0.12x_2 + 0.314(1 - 2x_2)],$$

$$\lg \gamma_3 = x_3^2 (0.404 + 0.194x_3) + x_1x_2 [0.184 + 0.194x_3 + 0.12x_2 + 0.314(1 - 2x_3)].$$

УКСУСНАЯ КИСЛОТА—МУРАВЬИНАЯ КИСЛОТА—ХЛОРОФОРМ



Состав жидкости, вес. %			Состав пара, вес. %			t	P
уксусная кислота	муравьиная кислота	хлороформ	уксусная кислота	муравьиная кислота	хлороформ		
13.0	32.5	54.5	1.8	13.6	84.6	63.4	760
20.3	23.7	56.0	3.0	12.0	85.0	65.5	
38.1	18.3	43.6	9.5	8.0	82.5	72.7	
52.2	15.9	31.9	15.6	8.4	76.0	79.9	
54.0	16.3	29.7	17.2	8.8	74.0	81.5	
56.0	14.9	29.1	19.5	8.0	72.5	83.8	
67.7	11.2	21.1	27.4	8.6	64.0	90.4	
70.8	16.1	13.1	36.0	14.0	50.0	96.1	
72.7	14.1	13.2	36.1	13.0	50.9	96.6	
68.0	21.5	10.5	35.5	16.8	47.7	96.5	
57.1	29.1	13.8	25.4	19.7	54.9	90.9	
49.8	33.7	10.5	22.1	22.0	55.9	89.4	
46.5	45.3	8.2	22.6	31.9	45.5	92.5	
42.0	50.3	7.7	20.7	33.9	45.4	92.5	
40.9	54.7	4.4	26.5	46.5	27.0	98.3	
29.0	69.2	1.8	21.2	62.5	16.3	99.7	
38.0	54.0	8.0	22.1	38.9	39.0	94.4	
43.9	50.2	5.9	26.9	40.4	32.7	97.1	
36.9	61.1	2.0	24.1	51.8	24.1	98.8	
43.6	45.4	11.0	19.0	28.5	52.5	89.8	
42.0	49.5	8.5	21.0	33.0	46.0	92.4	
42.3	52.3	5.4	23.9	40.3	35.8	96.0	
40.0	53.4	6.6	22.4	37.7	39.9	94.4	
37.6	47.6	14.8	13.7	25.9	60.4	84.8	
30.0	36.6	33.4	7.0	15.3	77.7	72.8	
35.0	25.8	39.2	8.5	12.0	79.5	72.3	
23.5	17.0	59.5	5.2	8.6	86.2	67.2	
34.3	12.0	52.8	7.0	6.0	85.2	70.8	
7.0	8.5	84.5	2.2	6.2	91.6	61.5	
5.3	28.8	65.9	0.9	13.6	85.5	61.0	
5.4	17.4	77.2	3.0	9.0	88.0	60.3	
13.0	40.5	46.5	3.0	14.4	82.6	64.0	
13.0	60.8	26.2	2.7	20.3	77.0	68.1	
7.5	83.6	8.9	1.7	38.8	59.5	80.7	
12.9	84.6	2.5	7.6	59.1	33.3	93.2	
16.5	82.7	0.8	12.3	67.2	20.5	97.4	
26.2	71.3	2.5	15.9	55.1	29.0	95.8	
20.1	62.0	17.9	6.4	24.0	69.6	76.4	
25.8	65.7	8.5	11.1	39.3	49.6	88.4	
22.6	50.8	26.6	4.3	20.5	75.2	71.9	

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	метиловый спирт	ацетон	хлороформ	метиловый спирт		
15.8	58.0	26.2	15.6	51.2	33.2	Нет данных	760
18.4	44.4	37.2	15.1	44.1	40.8		
24.0	42.8	33.2	21.0	43.9	35.1		
24.9	64.9	10.2	30.2	57.1	12.7		
30.1	35.7	34.2	27.0	39.8	33.2		
30.3	45.6	24.1	29.8	45.7	24.4		
30.8	44.5	24.7	30.4	44.7	24.9		
31.3	45.5	23.2	32.0	44.6	23.4		
31.5	44.4	24.1	31.5	44.7	23.8		
31.9	43.0	25.1	31.7	43.7	24.6		
32.2	51.9	15.9	35.5	47.9	16.6		
33.6	41.9	24.5	33.1	42.9	24.0		
34.0	42.8	23.2	34.3	43.1	22.6		
34.7	42.0	23.3	34.0	42.8	23.2		
34.8	27.7	37.5	30.2	35.5	34.3		
35.6	52.1	12.3	42.3	46.1	11.6		
42.3	32.4	25.3	41.4	37.0	21.6		
42.7	37.5	29.8	43.7	39.1	17.2		
44.3	21.0	34.7	41.8	28.7	29.5		
51.5	32.6	15.9	53.1	34.4	12.5		

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	метиловый спирт	ацетон	хлороформ	метиловый спирт		
10	10	80	11.5	17.0	71.5	61	760
10	20	70	10.0	31.0	59.0	58.7	
10	30	60	9.5	42.5	48.0	57	
10	40	50	7.8	49	43.2	56	
10	50	40	8.7	53	38.3	56	
10	60	30	9	57	34	56	
10	70	20	8	64.5	27.5	56.5	
10	80	10	9	77	14	59.8	
20	10	70	27	13	60	59.2	
20	20	60	20	25	55	59	
20	30	50	19	35	46	57.2	
20	40	40	18	42	40	56.7	
20	50	30	17	49	34	58	
20	60	20	19	58	23	59	
20	70	10	18	68	14	60.5	
30	10	60	38	11	51	58.9	
30	20	50	32	21.5	46.5	58.8	

Таблица № 1996 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	метиловый спирт	ацетон	хлороформ	метиловый спирт		
30	30	40	30	29	41	58	760
30	40	30	30	37.5	32.5	58.7	
30	50	20	27	47.5	25.5	50.5	
30	60	10	28.6	58.5	12.9	61.5	
40	10	50	47.5	11.0	41.5	58	
40	20	40	41	19	40	58.2	
40	30	30	42	26	32	58.9	
40	40	20	40	36.2	23.8	60	
40	50	10	41	46	13	61.5	
50	10	40	52	9	39	57.8	
50	20	30	52.5	16.5	31	58.3	
50	30	20	55	23	22	59.2	
50	40	10	54.5	33	12.5	61.2	
60	10	30	62	8.5	29.5	57.3	
60	20	20	63.5	15.5	21	59	
60	30	10	67.5	19.5	13	60	
70	10	20	71	8	21	57.5	
70	20	10	75.5	13.5	11	60	
80	10	10	82	7.5	10.5	58	

№ 1997 ХЛОРОФОРМ—МЕТИЛОВЫЙ СПИРТ—ЭТИЛАЦЕТАТ [793]
 $\text{CHCl}_3\text{—CH}_3\text{O—C}_2\text{H}_5\text{O}_2$

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
хлоро- форм	метил- вый спирт	этил- ацетат	хлоро- форм	метил- вый спирт	этил- ацетат	хлоро- форм	метил- вый спирт	этил- ацетат		
7.5	7.7	84.8	5.7	23.8	70.5	0.540	2.345	0.986	72.0	760
8.2	24.6	67.2	6.0	47.0	47.0	0.638	1.863	1.053	65.4	
14.7	30.3	55.0	11.8	49.4	38.8	0.730	1.673	1.112	64.1	
12.2	53.9	33.9	12.2	61.8	26.0	0.976	1.283	1.310	61.9	
12.3	44.5	43.2	10.8	57.4	31.8	0.833	1.393	1.216	62.8	
7.9	34.7	57.4	5.9	51.3	42.8	0.686	1.535	1.187	63.8	
6.0	47.0	47.0	5.0	58.5	36.5	0.782	1.328	1.269	63.1	
5.8	63.4	30.8	6.4	66.7	26.9	1.070	1.168	1.480	62.1	
4.8	56.9	38.3	4.5	64.0	31.5	0.903	1.239	1.383	62.3	
4.6	65.1	30.3	5.1	68.1	26.8	1.072	1.157	1.494	62.2	
4.0	86.1	9.9	7.6	81.4	11.0	1.826	1.037	1.862	62.4	
10.4	64.5	25.1	12.6	66.5	20.9	1.202	1.177	1.448	61.4	
10.1	65.7	24.2	11.8	67.3	20.9	1.159	1.169	1.502	61.4	
6.3	72.5	21.2	8.3	71.3	20.4	1.281	1.096	1.636	62.0	
8.6	73.8	17.6	11.8	71.8	16.4	1.365	1.115	1.626	61.3	
8.7	57.5	33.8	8.7	64.4	26.9	0.972	1.248	1.353	62.0	
7.0	79.2	13.8	11.1	75.0	13.9	1.537	1.051	1.707	62.1	

Таблица № 1997 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
хлоро- форм	мети- ловый спирт	этил- ацетат	хлоро- форм	мети- ловый спирт	этил- ацетат	хлоро- форм	мети- ловый спирт	этил- ацетат		
25.0	24.1	50.9	21.8	44.2	34.0	0.782	1.852	1.038	64.5	760
21.9	36.0	42.1	19.7	54.8	25.5	0.853	1.643	1.001	62.8	
19.0	43.2	37.8	18.0	58.0	24.0	0.902	1.467	1.072	62.5	
13.6	67.8	18.6	17.8	66.3	15.9	1.311	1.130	1.504	61.1	
12.0	63.7	24.3	14.4	65.5	20.1	1.194	1.178	1.443	61.3	
31.4	12.2	56.4	28.1	31.6	40.3	0.697	2.109	0.944	69.0	
22.2	38.3	39.5	20.4	54.4	25.2	0.883	1.558	1.068	62.4	
20.2	59.7	20.1	24.2	61.9	13.9	1.223	1.227	1.243	60.5	
18.0	65.1	16.9	24.0	63.9	12.1	1.369	1.171	1.296	60.3	
9.7	82.2	8.1	17.8	74.8	7.4	1.837	1.051	1.605	61.1	
41.6	7.1	51.3	40.9	23.5	35.6	0.746	2.727	0.891	69.8	
36.4	20.7	42.9	32.9	41.4	25.7	0.835	2.092	0.961	63.6	
28.9	48.2	22.9	32.2	55.3	12.5	1.156	1.385	1.000	60.0	
34.7	30.0	35.3	32.9	48.9	18.2	0.922	1.817	0.877	62.0	
22.3	65.9	11.8	31.9	60.3	7.8	1.511	1.151	1.253	59.0	
38.4	31.4	30.2	37.6	47.5	14.9	0.986	1.783	0.874	60.9	
34.5	46.5	19.0	38.8	52.6	8.6	1.207	1.422	0.860	59.0	
33.8	50.4	15.8	39.8	53.1	7.1	1.293	1.363	0.878	58.3	
32.7	57.9	9.4	43.3	50.9	5.8	1.505	1.185	1.250	57.3	
26.5	66.0	7.5	40.1	55.8	4.1	1.709	1.130	1.099	57.5	
48.6	21.1	30.3	46.3	41.2	12.5	0.945	2.229	0.717	61.4	
50.7	19.1	30.2	48.5	38.0	13.5	0.942	2.253	0.772	61.6	
47.0	28.5	24.5	46.7	42.6	10.7	1.036	1.804	0.843	59.8	
41.9	40.7	17.4	47.0	47.8	5.2	1.253	1.544	0.592	57.9	
59.7	7.7	32.6	60.3	24.2	15.5	0.872	3.029	0.734	65.7	
52.7	21.9	25.4	50.9	39.3	9.8	1.003	2.166	0.707	60.0	
49.9	33.8	16.3	51.5	43.7	4.8	1.166	1.728	0.592	57.5	
49.2	36.3	14.5	51.2	44.9	3.9	1.183	1.667	0.545	57.3	
43.4	48.6	8.0	52.9	44.8	2.3	1.450	1.311	0.585	56.0	
39.7	51.8	8.5	48.8	47.5	3.7	1.426	1.275	0.901	56.7	
58.8	18.3	22.9	57.0	36.1	6.9	1.027	2.411	0.509	59.7	
65.3	8.2	26.5	65.2	24.7	10.1	0.917	3.126	0.607	63.8	
60.8	23.4	15.8	58.4	37.1	4.5	1.088	2.128	0.576	57.4	
59.9	32.1	9.0	58.0	40.2	1.8	1.234	1.629	0.426	56.0	
68.0	20.0	12.0	63.4	34.7	1.9	1.067	2.358	0.323	57.1	
82.4	10.2	7.4	73.6	24.8	1.6	1.019	3.295	0.439	57.2	
19.5	17.4	63.1	15.8	38.6	45.6	0.670	2.025	1.025	67.1	
20.8	74.5	4.7	35.3	62.2	2.5	1.878	1.089	0.832	58.1	
11.5	17.9	70.6	8.8	38.2	53.0	0.625	1.917	1.049	67.5	
17.0	7.2	75.8	14.4	24.1	61.5	0.596	2.505	0.953	72.3	
48.2	6.7	45.1	48.1	23.5	28.4	0.792	2.929	0.850	68.8	
29.0	64.4	6.6	42.6	54.0	3.4	1.703	1.132	1.047	57.2	
20.6	74.0	5.4	34.5	61.7	3.8	1.829	1.072	1.364	58.5	
47.0	7.1	45.9	46.8	23.5	29.7	0.787	2.752	0.870	68.5	
54.0	7.5	38.5	54.2	24.4	21.4	0.848	3.048	0.808	66.4	
45.4	32.5	22.1	46.4	44.0	9.6	1.117	1.698	0.823	59.1	

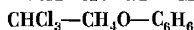
Таблица № 1997 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
хлоро- форм	метиловый спирт	этил- ацетат	хлоро- форм	метиловый спирт	этил- ацетат	хлоро- форм	метиловый спирт	этил- ацетат		
73.1	7.7	19.2	70.4	23.0	6.6	0.981	3.525	0.615	60.6	760
56.6	34.2	9.8	58.4	39.1	2.5	1.231	1.630	0.580	55.9	
24.6	19.7	55.7	20.6	42.0	37.4	0.721	2.047	0.997	63.8	
3.3	86.1	10.6	5.8	80.9	13.3	1.689	1.031	2.101	62.4	
3.0	89.8	7.2	5.7	83.8	10.5	1.814	1.015	2.425	62.6	
7.6	32.8	59.6	5.9	50.6	43.5	0.698	1.503	1.190	64.4	
32.9	63.9	3.2	46.8	51.7	1.5	1.658	1.122	0.973	56.6	
30.9	26.0	43.1	28.0	47.1	24.9	0.854	1.940	0.946	63.0	
20.3	73.0	5.8	34.0	61.5	4.5	1.785	1.033	1.225	59.2	

№ 1998

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Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	метиловый спирт	бензол	хлороформ	метиловый спирт	бензол		
10	40	80	11	42	47	61.5	760
10	20	70	9	49	42	59	
10	30	60	10.5	50.5	39	58.5	
10	40	50	11.5	49.5	40	58.1	
10	50	40	11	56	33	58	
10	60	30	12	57	31	57	
10	70	20	18	59	23	57.5	
10	80	10	19	64.5	10.5	58	
20	10	70	18	39.5	42.5	60.8	
20	20	60	18	47.5	34.5	58.2	
20	30	50	19	50.4	36	58	
20	40	40	19	51	30	57.8	
20	50	30	15	55.5	29.5	57.0	
20	60	20	28	52	20	56	
20	70	10	33	55	12	56.3	
30	10	60	29	38.5	32.5	61	
30	20	50	27	45	28	58.2	
30	30	40	28	47	25	58.3	
30	40	30	28	48	24	58	
30	50	20	35.5	47.5	17	56	
30	60	10	42.5	49.5	8	55.5	
40	10	50	37.5	36.5	26	60	
40	20	40	38.5	38	23.5	59	
40	30	30	36	42	22	58	
40	40	20	34.5	46.5	19	56	
40	50	10	48	44	8	55.5	

Таблица № 1998 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	метиловый спирт	бензол	хлороформ	метиловый спирт	бензол		
50	10	40	47.2	34	18.5	59.5	760
50	20	30	45.5	39	15.5	58	
50	30	20	47	39	14	57.5	
50	40	10	53	39.5	7.5	55.5	
60	10	30	56	30.5	13.5	58.4	
60	30	10	56	36	8	55.4	
70	10	20	64	26	10	58.2	
70	20	10	64	28.5	7.5	57	
80	10	10	72.5	20	7.5	57.5	

№ 1999

ХЛОРОФОРМ—АЦЕТОН—ЭТИЛОВЫЙ СПИРТ

[172]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	ацетон	этиловый спирт	хлороформ	ацетон	этиловый спирт		
90	0	10	87.5	0	12.5	59.65	760
80	10	10	80.0	5.5	14.5	60.9	
70	10	20	74.0	6.0	20.0	60.9	
60	10	30	69.0	7.0	24.0	61.4	
50	10	40	64.0	8.5	27.5	62.55	
40	10	50	57.5	10.0	32.5	63.8	
30	10	60	47.5	13.0	39.5	65.4	
20	10	70	34.5	17.0	48.5	67.6	
70	20	10	73.0	14.0	13.0	62.05	
60	20	20	65.0	16.0	19.0	62.2	
50	20	30	57.0	17.5	25.5	62.95	
40	20	40	49.0	22.0	29.0	63.9	
30	20	50	39.0	25.0	36.0	65.15	
20	20	60	27.0	30.0	43.0	66.5	
60	30	10	61.0	25.5	13.5	63.0	
50	30	20	51.5	28.5	20.0	63.1	
40	30	30	44.0	31.5	24.5	63.55	
30	30	40	33.5	36.0	30.5	64.3	
50	40	10	46.5	40.5	13.0	63.2	
30	40	30	29.4	46.0	24.6	63.35	
40	40	20	37.5	43.0	19.5	63.1	
20	40	40	20.0	49.5	30.5	63.5	
30	60	10	20.0	68.0	12.0	61.4	
20	60	20	13.0	69.5	17.5	61.05	
10	60	30	6.5	70.5	23.0	60.7	
10	80	10	7.0	86.5	6.5	58.45	



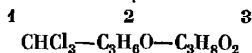
Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	хлороформ	гексан	этиловый спирт	хлороформ	гексан		
9.9	80.2	9.9	13.9	74.3	11.8	58.62	760
20.4	70.0	9.6	18.2	68.5	13.3	58.33	
9.9	70.2	19.9	16.6	62.8	20.6	58.04	
30.6	59.8	9.6	21.7	63.3	15.0	58.43	
20.2	60.1	19.7	18.7	58.4	22.9	57.68	
9.8	60.2	30.0	16.6	55.6	27.8	57.72	
40.6	49.7	9.7	24.6	58.0	17.4	58.82	
30.2	49.9	19.9	22.0	52.0	26.0	57.71	
20.2	49.9	29.9	19.7	49.0	31.3	57.46	
9.2	50.1	40.7	16.5	48.4	35.1	57.78	
51.0	39.1	9.9	27.9	51.2	20.9	59.55	
40.4	39.9	19.7	24.0	45.7	30.3	58.10	
30.3	39.8	29.9	21.9	42.2	35.9	57.51	
20.0	39.8	40.2	20.2	40.3	39.5	57.36	
9.8	40.0	50.2	17.6	40.1	42.3	57.83	
61.0	29.4	9.6	31.6	43.0	25.4	60.28	
51.0	29.4	19.6	24.9	38.8	36.3	58.27	
41.1	29.7	29.2	26.7	33.6	39.7	57.80	
30.2	29.9	39.9	24.8	31.7	43.5	57.51	
20.0	29.9	50.1	23.2	30.9	45.9	57.58	
9.6	29.5	60.9	20.6	31.3	48.1	58.16	
71.0	19.2	9.8	35.1	32.5	32.4	61.49	
60.6	19.9	19.5	30.3	27.6	42.1	59.20	
50.9	19.6	29.5	29.3	24.9	45.8	58.31	
40.5	19.9	39.6	29.6	22.3	48.1	57.84	
30.4	19.9	49.7	28.1	21.6	50.3	57.73	
19.2	19.9	60.9	27.3	21.0	51.7	57.80	
9.2	19.9	70.9	25.1	21.5	53.4	58.43	
81.5	9.5	9.0	40.6	17.3	42.1	63.71	
70.5	9.8	19.7	35.7	13.9	50.4	60.22	
60.9	10.0	29.1	32.5	12.1	55.4	58.83	
50.5	10.0	39.5	32.8	11.2	56.0	58.34	
41.0	9.9	49.1	30.7	10.9	58.4	58.14	
30.1	10.0	59.9	30.0	10.7	59.3	57.97	
19.9	9.9	70.2	29.9	10.7	59.4	58.19	
9.0	9.8	81.2	27.7	11.3	61.0	58.79	
10.0	80.1	9.9	10.0	77.4	12.6	35	319.8
20.2	70.0	9.8	13.1	72.7	14.2		319.2
9.0	70.2	19.9	11.7	66.5	21.8		327.2
30.4	59.9	9.7	16.2	67.5	16.3		315.1
20.1	60.1	19.8	14.2	61.4	24.4		325.1
9.9	60.1	30.0	13.0	58.0	29.0		328.9
40.4	49.8	9.8	18.8	62.0	19.2		308.9
30.1	40.9	20.0	16.7	55.6	27.7		322.6
20.1	49.9	30.0	15.0	52.0	33.0		327.4
9.4	50.1	40.5	13.5	50.0	36.5		327.7
50.7	39.4	9.9	20.1	56.2	23.7		301.8
40.3	39.9	19.8	18.4	49.0	32.6		316.5

Таблица № 2000 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	хлороформ	гексан	этиловый спирт	хлороформ	гексан		
30.2	39.9	29.9	17.3	45.1	37.6	35	323.7
20.0	39.9	40.1	16.2	43.1	40.7		325.7
9.8	40.0	50.2	13.7	42.2	44.1		325.5
60.7	29.6	9.7	24.1	47.1	28.8		286.8
50.7	29.6	19.7	20.8	40.2	39.0		310.5
40.8	29.8	29.4	20.3	37.0	42.7		316.2
30.1	30.0	39.9	18.7	34.5	46.8		321.9
20.0	30.0	50.0	19.2	33.1	47.7		319.2
9.8	29.6	60.6	15.9	33.7	50.4		317.5
70.7	19.4	9.9	29.3	35.3	35.4		268.3
60.5	19.9	19.6	24.5	29.7	45.8		295.8
50.6	19.8	29.6	23.8	25.8	50.4		308.1
40.4	19.9	39.7	23.8	24.1	52.1		314.4
30.3	19.9	49.8	22.2	23.7	54.1		315.9
19.5	19.9	60.6	19.8	23.5	56.7		316.5
9.5	19.9	70.6	18.8	23.5	57.7		314.6
81.1	9.6	9.3	36.8	19.5	43.7		239.5
70.4	9.9	19.7	29.1	14.9	56.0		281.7
60.6	10.0	29.4	26.7	13.1	60.2		298.4
50.4	10.0	39.6	26.3	12.2	61.5		303.0
40.7	9.9	49.4	25.6	11.8	62.6		307.3
30.1	10.0	59.9	22.6	11.9	65.5		308.4
19.9	10.0	70.1	21.7	12.0	66.3		308.4
9.2	9.9	80.9	21.0	12.4	66.6		305.3
10.0	90.0	10.0	12.0	75.8	12.2	45	473.7
20.1	70.0	9.9	15.0	71.0	14.0		474.5
10.0	70.1	19.9	12.7	65.6	21.7		484.3
30.3	59.9	9.8	18.1	65.9	16.0		470.7
20.1	60.0	19.9	17.0	59.5	23.5		483.0
9.9	60.1	30.0	14.6	57.0	28.4		487.5
40.3	49.8	9.9	20.8	60.5	18.7		462.5
30.1	49.9	20.0	18.8	54.1	27.1		481.0
20.1	49.9	30.0	17.3	50.6	32.1		485.2
9.7	50.0	40.3	15.0	49.3	35.7		486.9
50.4	39.6	10.0	23.6	54.0	22.4		452.9
40.2	39.9	19.9	20.3	47.9	31.8		474.0
30.1	39.9	30.0	19.5	44.0	36.5		485.6
20.0	40.0	40.0	18.1	41.9	40.0		487.4
9.9	40.0	50.1	15.9	41.1	43.0		484.7
60.4	29.7	9.9	26.8	45.7	27.5		433.9
50.4	29.7	19.9	24.0	38.5	37.5		474.4
40.4	29.9	29.7	23.1	35.2	41.7		478.8
30.1	30.0	39.9	22.0	33.0	45.0		483.6
20.0	50.0	30.0	20.9	32.4	46.7		478.0
9.8	29.8	60.4	18.0	32.6	49.4		475.0
70.4	19.7	9.9	31.3	34.4	34.3		411.2
60.3	19.9	19.8	26.7	28.8	44.5		449.1
50.4	19.8	29.8	25.8	25.0	49.2		465.3

Таблица № 2000 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	хлороформ	гексан	этиловый спирт	хлороформ	гексан		
40.2	20.0	39.8	25.4	23.6	51.0	45	472.0
30.1	20.0	49.9	24.1	22.9	53.0		476.5
19.7	19.9	60.4	23.2	22.6	54.2		476.8
9.7	19.9	70.4	22.2	22.6	55.2		470.7
80.6	9.8	9.6	38.3	18.3	43.4		377.7
70.2	9.9	19.9	31.0	14.4	54.0		430.8
60.4	10.0	29.6	29.1	12.8	58.1		452.5
50.2	10.0	39.8	28.2	11.9	59.9		460.5
40.4	10.0	49.6	27.0	11.6	61.4		465.6
30.0	10.0	60.0	26.2	11.4	62.4		467.8
19.9	10.0	70.1	25.8	11.4	62.8	55	466.5
9.6	9.9	80.5	23.7	12.0	64.3		462.0
10.0	80.0	10.0	13.4	74.7	11.9		673.9
20.0	70.0	10.0	17.0	69.6	13.4		680.5
10.0	70.0	20.0	15.0	63.9	21.1		687.0
30.1	60.0	9.9	20.1	64.2	15.7		688.5
20.0	60.0	20.0	18.0	58.5	23.5		693.9
10.0	60.0	30.0	16.0	56.0	28.0		695.4
40.1	49.9	10.0	22.5	59.0	18.5		670.0
30.0	50.0	20.0	21.0	52.7	26.3		692.4
20.0	50.0	30.0	18.9	49.2	31.9		699.5
9.9	50.0	40.1	16.1	48.7	35.2		694.0
50.1	39.9	10.0	25.5	52.5	22.0		653.8
40.0	40.0	20.0	22.7	46.3	31.0		686.7
30.0	40.0	30.0	21.2	42.7	36.1		699.6
20.0	40.0	40.0	20.0	40.4	39.6		700.5
10.0	40.0	50.0	17.1	40.3	42.6		692.1
60.1	29.9	10.0	29.1	44.0	26.9		636.9
50.1	29.9	20.0	25.8	37.8	36.4		686.0
40.1	30.0	29.9	25.2	34.4	40.4		693.2
30.0	30.0	40.0	24.0	32.0	44.0		697.1
20.0	30.0	50.0	22.7	31.9	40.0		694.6
10.0	29.9	60.1	19.9	32.0	48.1		684.3
70.1	19.9	10.0	33.1	33.5	33.4		602.0
60.1	20.0	19.9	29.0	27.4	43.6		660.7
50.1	20.0	29.9	28.6	24.1	47.3		677.8
40.1	20.0	39.9	27.4	22.6	50.0		687.9
30.0	20.0	50.0	26.7	22.0	51.3		690.4
19.9	20.0	60.1	25.4	21.7	52.9		688.3
9.9	20.0	70.1	23.3	22.0	54.7		677.5
80.2	9.9	9.9	39.6	18.0	42.4		567.7
70.1	10.0	19.9	33.5	13.9	52.6		632.6
60.1	10.0	29.9	31.8	12.2	56.0		663.4
50.1	10.0	39.9	30.7	11.3	58.0		673.9
40.1	10.0	49.9	29.9	11.0	59.1		681.1
30.0	10.0	60.0	29.6	10.8	59.6		681.9
20.0	10.0	70.0	28.6	10.9	60.5		679.0
9.8	10.0	80.2	26.5	11.5	62.0		668.0



Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	ацетон	метилаль	хлороформ	ацетон	метилаль		
0.0	100.0	0.0	0.0	100.0	0.0	25	225.6
10.0	90.0	0.0	5.4	94.6	0.0		212.9
0.0	90.0	10.0	0.0	80.3	19.7		253.0
20.0	80.0	0.0	12.9	87.1	0.0		200.9
10.0	80.0	10.0	4.5	76.2	19.3		237.0
0.0	80.0	20.0	0.0	65.2	34.8		278.5
30.0	70.0	0.0	22.9	77.1	0.0		191.6
20.0	70.0	10.0	11.1	70.0	18.9		221.7
10.0	70.0	20.0	3.8	61.1	35.1		260.9
0.0	70.0	30.0	0.0	53.1	46.9		301.7
40.0	60.0	0.0	34.85	65.15	0.0		184.5
30.0	60.0	10.0	19.5	59.6	20.9		215.7
20.0	60.0	20.0	9.7	55.0	35.3		243.7
10.0	60.0	30.0	3.4	47.9	48.7		287.1
0.0	60.0	40.0	0.0	43.2	56.8		323.0
50.0	50.0	0.0	48.0	52.0	0.0		181.0
40.0	50.0	10.0	31.4	51.0	17.6		199.0
30.0	50.0	20.0	17.8	47.0	35.2		228.8
20.0	50.0	30.0	8.8	42.0	49.2		266.2
10.0	50.0	40.0	3.1	37.8	59.1		305.5
0.0	50.0	50.0	0.0	34.7	65.3		342.4
60.0	40.0	0.0	61.2	38.8	0.0		180.1
50.0	40.0	10.0	44.1	39.3	16.6		193.2
40.0	40.0	20.0	28.2	37.3	34.5		216.9
30.0	40.0	30.0	16.1	34.1	49.8		249.9
20.0	40.0	40.0	8.0	31.2	60.8		288.7
10.0	40.0	50.0	3.0	28.6	68.4		325.6
0.0	40.0	60.0	0.0	27.2	72.8		359.7
70.0	30.0	0.0	73.8	26.2	0.0		183.5
60.0	30.0	10.0	57.3	27.4	15.3		191.2
50.0	30.0	20.0	40.0	26.8	33.2		209.6
40.0	30.0	30.0	25.4	25.1	49.5		237.4
30.0	30.0	40.0	14.8	23.2	62.0		271.9
20.0	30.0	50.0	7.6	21.6	70.8		308.5
10.0	30.0	60.0	3.0	20.5	76.5		344.0
0.0	30.0	70.0	0.0	20.3	79.7		375.7
80.0	20.0	0.0	84.6	15.4	0.0		189.0
70.0	20.0	10.0	69.8	16.5	13.7		192.8
60.0	20.0	20.0	52.4	16.5	31.1		206.3
50.0	20.0	30.0	36.2	15.8	48.0		229.4
40.0	20.0	40.0	23.2	15.1	61.7		260.0
30.0	20.0	50.0	13.9	14.0	72.1		293.2
20.0	20.0	60.0	7.5	13.4	79.1		327.8
10.0	20.0	70.0	3.1	13.2	83.7		360.6
0.0	20.0	80.0	0.0	13.6	86.4		390.4
90.0	10.0	0.0	93.3	6.7	0.0		196.3
80.0	10.0	10.0	79.4	7.1	13.5		200.3

Таблица № 2001 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
хлороформ	ацетон	метилаль	хлороформ	ацетон	метилаль		
70.0	10.0	20.0	64.0	7.4	28.6	25	205.6
60.0	10.0	30.0	47.4	7.2	45.4		225.1
50.0	10.0	40.0	32.8	6.9	60.3		250.9
40.0	10.0	50.0	21.7	6.5	71.8		281.2
30.0	10.0	60.0	13.5	6.3	80.2		313.5
20.0	10.0	70.0	7.6	6.3	86.1		345.4
10.0	10.0	80.0	3.3	6.5	90.2		375.5
0.0	10.0	90.0	0.0	7.0	93.0		403.7
100.0	0.0	0.0	100.0	0.0	0.0		204.8
90.0	0.0	10.0	89.0	0.0	11.0		204.5
80.0	0.0	20.0	74.1	0.0	25.9		211.0
70.0	0.0	30.0	58.0	0.0	42.0		224.5
60.0	0.0	40.0	42.7	0.0	57.3		246.7
50.0	0.0	50.0	30.3	0.0	69.7		273.0
40.0	0.0	60.0	20.6	0.0	79.4		302.1
30.0	0.0	70.0	13.4	0.0	86.6		334.8
20.0	0.0	80.0	8.0	0.0	92.0		360.8
10.0	0.0	90.0	3.6	0.0	96.4		391.7
0.0	0.0	100.0	0.0	0.0	100.0		415.9

$$\lg \gamma_1 = -0.2558x_2^2 - 0.5953x_3^2 - 0.0597x_2^3 + 0.4426x_3^3 - \\ - 0.3566x_2x_3 - 0.8458x_2^2x_3 - 0.4141x_2x_3^2,$$

$$\lg \gamma_2 = -0.3280x_1^2 + 0.0536x_3^2 + 0.0597x_1^3 + 0.0715x_3^3 + \\ + 0.5106x_1x_3 - 0.6657x_1^2x_3 - 1.0966x_1x_3^2,$$

$$\lg \gamma_3 = 0.0686x_1^2 + 0.1608x_2^2 - 0.4426x_1^3 - 0.0715x_2^3 + \\ + 0.9077x_1x_2 - 1.7420x_1^2x_2 - 1.3111x_1x_2^2.$$

№ 2002

АЦЕТОН—ХЛОРОФОРМ—МЕТИЛЭТИЛКЕТОН
C₃H₆O—CHCl₃—C₄H₈O

[469]

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	метилэтил-кетон	ацетон	хлороформ	метилэтил-кетон		
1.0	4.0	95.0	1.0	2.0	97.0	77.2	760
1.0	75.0	24.0	1.0	88.0	11.0	66.6	
2.0	81.0	17.0	1.5	91.0	7.5	65.2	
2.5	92.5	5.0	3.0	96.5	0.5	62.6	
4.0	81.5	14.5	7.0	92.0	1.0	65.0	
5.0	2.0	93.0	20.0	1.5	78.5	75.6	
5.0	11.0	84.0	19.5	10.0	70.5	76.6	
7.0	19.0	74.0	32.0	17.0	51.0	72.4	
7.5	78.0	14.5	6.0	89.0	5.0	65.0	

Таблица № 2002 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	метилэтил-кетон	ацетон	хлороформ	метилэтил-кетон		
9.0	68.5	22.5	13.0	80.0	7.0	68.0	760
11.0	79.5	9.5	8.0	89.0	3.0	65.0	
12.0	53.0	35.0	27.5	60.5	12.0	70.0	
11.5	85.0	3.5	8.5	90.0	1.5	64.2	
12.5	17.5	70.0	42.0	14.0	44.0	71.2	
12.5	73.5	14.0	11.5	85.0	3.5	66.2	
13.5	21.5	65.0	36.0	18.0	46.0	71.8	
14.0	33.5	52.5	33.0	39.0	28.0	73.0	
14.5	79.0	0.5	9.5	86.5	4.0	64.9	
15.0	57.0	28.0	18.0	64.5	17.5	68.9	
15.5	9.0	75.5	41.0	7.0	52.0	73.4	
16.5	21.0	62.5	38.0	18.5	43.5	70.9	
16.5	32.5	51.0	44.5	33.0	22.5	73.5	
17.5	42.0	40.5	38.5	44.0	17.5	70.2	
18.0	37.0	45.0	32.5	38.5	29.0	71.9	
18.0	49.5	32.5	30.5	53.0	16.5	69.6	
18.5	23.0	58.5	45.5	19.5	35.0	69.6	
19.0	46.0	35.0	22.5	45.5	32.0	69.0	
20.0	63.0	17.0	10.5	75.0	14.5	68.2	
21.0	24.0	55.0	49.5	18.5	32.0	69.0	
22.0	45.5	32.5	41.5	46.5	12.0	69.3	
22.0	59.5	18.5	19.5	72.5	8.0	68.1	
23.0	16.0	61.0	43.5	12.5	44.0	69.6	
23.0	39.5	37.5	38.5	41.5	20.0	71.0	
25.0	15.0	60.0	45.5	9.5	45.0	68.4	
25.0	38.5	36.5	60.0	33.5	6.5	66.9	
25.0	70.0	5.0	12.0	79.0	9.0	67.2	
26.0	6.5	67.5	54.5	2.5	43.0	70.9	
26.0	12.0	62.0	51.0	8.0	41.0	68.8	
26.0	59.0	15.0	37.0	60.5	2.5	66.2	
27.0	38.0	35.0	53.5	34.0	12.5	68.6	
27.5	49.0	23.5	39.5	50.5	10.0	68.3	
29.0	13.5	57.5	62.0	7.5	30.5	67.4	
30.5	13.0	56.5	43.0	9.5	47.5	69.4	
30.5	39.5	30.0	53.5	36.5	10.0	67.8	
31.0	11.5	57.5	55.5	7.0	37.5	68.4	
31.0	46.5	22.5	36.0	45.0	19.0	67.6	
31.5	6.5	62.0	50.0	2.5	47.5	69.3	
33.0	59.5	7.5	11.5	71.0	17.5	71.0	
34.0	56.0	10.0	59.5	39.5	1.0	65.8	
34.5	43.0	22.5	59.0	36.0	5.0	67.2	
35.0	13.5	51.5	66.5	5.0	28.5	62.0	
35.5	48.0	16.5	19.0	46.0	5.0	67.7	
37.0	11.0	52.0	65.0	4.5	30.5	67.2	
37.0	28.5	34.5	70.0	20.0	10.0	65.6	
37.0	40.5	22.5	35.0	52.5	12.5	68.4	
37.5	27.5	35.0	64.0	28.5	7.5	66.1	
38.0	51.0	11.0	51.0	48.0	1.0	66.1	
39.0	18.0	43.0	62.0	28.0	10.0	64.8	

Таблица № 2002 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	метилэтил-кетон	ацетон	хлороформ	метилэтил-кетон		
40.0	34.0	26.0	66.5	22.5	11.0	66.3	760
41.5	30.5	28.0	63.0	22.0	15.0	66.1	
42.0	8.5	49.5	64.0	3.5	32.5	64.8	
43.5	27.0	29.5	65.0	16.5	18.5	64.8	
44.0	51.0	5.0	53.02	46.0	1.0	65.4	
44.0	10.5	45.5	60.0	5.0	35.0	65.8	
44.5	20.5	35.0	74.0	11.0	15.0	64.2	
45.0	27.5	27.5	64.5	18.5	17.0	65.2	
46.0	12.5	41.5	60.0	5.0	35.0	64.1	
48.0	7.0	45.0	65.5	2.5	32.0	63.5	
48.5	17.5	34.0	73.0	9.5	17.5	64.6	
48.5	27.0	24.5	75.0	15.5	9.5	64.0	
50.0	25.0	25.0	76.0	14.5	9.5	64.1	
50.0	42.5	7.5	65.0	30.5	4.5	64.2	
51.0	19.5	29.5	75.0	12.0	13.0	64.0	
51.5	16.0	32.5	61.5	8.0	30.5	63.6	
52.5	30.0	7.5	73.0	9.5	17.5	53.8	
53.0	40.0	7.0	51.5	30.5	18.0	65.4	
55.5	28.0	16.5	72.0	9.0	19.0	64.2	
55.5	37.0	7.5	70.5	24.0	5.5	63.6	
61.5	34.0	4.5	72.0	20.0	8.0	62.8	
62.0	30.0	8.0	80.0	13.0	7.0	62.2	
62.5	15.0	22.5	80.5	7.5	12.5	63.0	
68.0	19.0	13.0	82.0	12.5	5.5	62.2	
71.5	21.0	7.5	80.5	9.5	10.0	60.2	
76.5	18.5	5.0	79.0	8.5	12.5	60.6	
77.5	8.0	14.5	85.0	0.5	14.5	58.0	
78.5	13.0	8.5	82.0	7.5	10.5	59.6	
79.5	3.5	17.0	83.5	2.0	14.5	68.6	
84.0	8.5	7.5	85.0	0.5	14.5	58.2	

№ 2003

АЦЕТОН—БЕНЗОЛ—ХЛОРОФОРМ

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 $C_2H_5O-C_6H_6-CHCl_3$

Состав жидкости, вес. %			Состав пара, вес. %			t	P
ацетон	бензол	хлороформ	ацетон	бензол	хлороформ		
0.9	81.5	17.6	2.7	73.6	23.7	Нет данных	760
1.1	86.3	12.6	3.4	81.1	15.5		
1.3	72.3	26.4	2.2	61.5	36.3		
1.7	43.6	54.7	2.5	32.0	65.5		
1.8	91.0	7.2	4.4	85.7	9.9		
2.0	0.2	97.8	1.2	0.1	98.7		
2.0	57.4	40.6	3.7	45.7	50.6		
2.0	94.8	3.2	5.3	90.5	4.2		

Таблица № 2003 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
ацетон	бензол	хлороформ	ацетон	бензол	хлороформ		
2.6	34.4	63.0	3.4	23.8	72.8	Нет данных	760
2.7	28.4	68.9	3.4	18.6	78.0		
2.7	31.2	66.1	3.5	20.9	75.6		
2.8	3.8	93.4	2.0	2.0	96.0		
3.2	23.5	73.3	3.4	15.0	81.6		
3.4	15.0	81.6	3.2	9.0	87.8		
3.4	19.5	77.1	3.4	12.0	84.6		
3.5	8.9	87.6	2.8	4.8	92.4		
3.6	79.2	17.2	8.4	69.7	21.9		
3.8	11.4	84.8	3.3	6.5	90.2		
4.1	63.9	32.0	8.2	52.6	39.2		
4.1	09.1	26.8	8.5	58.5	33.0		
4.2	54.9	40.9	7.5	43.4	49.1		
4.2	79.8	16.0	10.1	69.7	20.2		
4.6	42.8	52.6	6.0	31.6	62.4		
4.6	81.2	14.2	11.2	70.9	17.9		
5.3	67.5	27.2	10.8	56.5	32.7		
5.3	82.0	12.7	12.4	71.8	15.8		
5.7	32.0	62.3	7.3	22.7	70.0		
5.9	85.5	8.6	13.9	75.5	10.6		
6.4	51.1	42.5	11.0	39.8	49.2		
6.5	6.4	87.1	5.4	3.7	90.9		
6.5	90.2	3.3	16.0	79.9	4.1		
6.6	20.2	73.2	7.0	13.4	79.6		
6.8	65.4	27.8	14.0	53.5	32.5		
7.0	62.3	30.7	13.3	51.0	35.7		
7.7	7.6	84.7	6.4	4.0	89.6		
7.8	30.7	61.5	10.0	22.0	68.0		
8.2	6.2	85.6	7.1	3.8	89.1		
8.3	24.8	66.9	9.9	17.5	72.6		
8.3	73.7	18.0	17.7	61.5	20.8		
8.4	8.6	83.0	7.6	5.3	87.1		
8.5	87.9	3.6	19.6	75.4	5.0		
8.7	53.2	38.1	15.2	41.9	42.9		
9.3	9.8	80.9	8.7	6.3	85.0		
9.3	14.0	76.7	9.4	9.1	81.5		
9.3	29.8	60.9	12.0	21.4	66.6		
9.4	27.8	62.8	12.0	10.7	68.3		
9.5	15.2	75.3	9.9	10.0	80.1		
9.5	38.5	52.0	13.7	29.3	57.0		
9.6	26.0	64.4	12.2	18.3	69.5		
9.6	44.7	45.7	15.0	34.4	50.6		
9.9	16.5	73.6	10.4	11.2	78.4		
10.0	23.4	66.6	12.0	16.4	71.6		
10.1	6.0	83.9	8.8	3.8	87.4		
10.2	18.3	71.5	11.4	12.2	76.4		
10.4	28.7	60.9	13.2	21.0	65.8		
10.6	10.4	79.0	10.4	6.8	82.8		
10.6	19.9	69.5	12.1	13.7	74.2		

Таблица № 2003 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
ацетон	бензол	хлороформ	ацетон	бензол	хлороформ		
10.7	68.4	20.9	21.5	55.6	22.9	Нет данных	760
11.1	2.1	86.8	9.4	1.2	89.4		
11.2	51.0	37.8	18.8	40.2	41.0		
11.6	5.9	82.5	10.6	3.7	85.7		
11.6	40.8	47.6	17.4	31.2	51.4		
11.9	11.3	76.8	11.9	7.6	80.5		
12.0	5.6	82.4	11.2	3.5	85.3		
12.0	68.7	19.3	23.6	55.7	20.7		
12.4	33.2	54.4	16.8	25.0	58.2		
12.8	2.0	85.2	11.1	1.3	87.6		
13.0	12.0	75.0	13.5	8.3	78.2		
13.0	38.0	49.0	18.9	29.1	52.0		
13.6	5.4	81.0	12.9	3.4	83.7		
13.7	43.2	43.1	20.8	33.8	45.4		
13.9	77.4	8.7	28.4	62.4	9.2		
14.4	52.0	33.6	24.0	41.0	35.0		
14.4	54.9	30.7	24.5	43.6	31.9		
14.6	58.2	27.2	25.6	46.3	28.1		
14.6	66.1	19.3	27.4	52.6	20.0		
14.7	42.8	42.5	22.2	33.6	44.2		
14.8	26.2	59.0	19.0	19.5	61.5		
15.2	17.5	67.3	17.6	12.8	60.6		
15.2	29.6	55.2	20.4	22.4	57.2		
15.3	13.4	71.3	16.8	9.6	73.6		
15.4	2.0	82.6	14.2	1.5	84.3		
15.4	14.7	69.9	17.4	11.2	71.4		
15.4	23.2	61.4	19.2	17.3	63.5		
15.5	47.0	37.5	24.6	36.8	38.6		
15.6	19.8	64.6	18.4	14.7	66.9		
15.7	32.9	51.4	22.1	24.8	53.1		
15.8	63.0	21.2	28.8	49.9	21.3		
16.2	29.1	54.7	21.6	22.2	56.2		
16.4	4.9	78.7	16.1	3.4	80.5		
16.6	36.4	47.0	23.8	28.2	48.0		
16.6	66.2	17.2	30.3	52.1	17.6		
16.7	31.0	52.3	22.8	23.8	53.4		
17.4	1.8	80.8	16.5	1.4	82.1		
17.8	21.6	60.6	22.0	16.4	61.6		
18.1	16.6	65.3	21.9	12.1	66.0		
18.6	13.8	67.6	21.4	10.2	68.4		
18.7	4.9	76.4	19.2	3.4	77.4		
19.1	2.0	78.9	18.9	1.4	79.7		
19.1	23.5	57.4	24.6	17.8	57.6		
19.2	65.2	15.6	35.0	50.0	15.0		
19.8	6.3	73.9	21.0	4.5	74.5		
19.9	25.3	54.8	26.0	19.6	54.4		
20.0	4.0	76.0	20.7	2.7	76.6		
20.3	57.8	21.9	34.2	45.0	20.8		
20.7	2.0	77.3	21.0	1.5	77.5		

Таблица № 2003 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	Р
ацетон	бензол	хлороформ	ацетон	бензол	хлороформ		
20.7	28.0	51.3	27.8	22.0	50.2	Нет данных	760
20.9	65.6	13.5	37.5	50.0	12.5		
21.8	13.4	64.8	25.8	10.0	64.2		
22.0	4.2	73.8	23.4	3.1	73.5		
22.2	37.4	40.4	32.1	29.4	38.5		
22.6	56.3	21.1	37.8	42.6	19.6		
23.0	52.7	24.3	36.5	41.0	22.5		
23.3	38.7	38.0	34.2	30.2	35.6		
23.9	49.7	26.4	37.6	38.3	24.1		
24.1	4.0	71.9	26.4	3.1	70.5		
24.2	4.7	71.1	26.8	3.6	69.6		
24.2	42.3	33.5	36.2	33.1	30.7		
24.5	5.6	69.9	27.5	4.1	68.4		
24.7	16.5	58.8	30.7	12.9	56.4		
24.7	20.6	54.7	32.0	16.2	51.8		
24.8	6.2	69.0	28.1	4.7	67.2		
24.8	61.3	13.9	40.9	46.9	12.2		
25.2	14.5	60.3	31.3	11.1	57.6		
25.3	20.4	54.3	33.1	16.1	50.8		
25.6	28.9	45.5	35.0	22.7	42.3		
25.6	46.4	28.0	39.2	35.8	25.0		
25.8	42.5	61.7	31.3	9.7	59.0		
26.0	44.8	29.2	39.1	34.8	26.1		
26.5	61.5	12.0	43.0	46.7	10.3		
26.9	9.0	64.1	34.6	7.2	61.2		
27.3	31.2	41.5	38.2	24.2	37.6		
27.8	6.6	65.6	32.2	5.2	62.6		
28.2	19.9	51.9	36.4	15.5	48.1		
28.2	44.2	27.6	41.8	34.0	24.2		
28.4	3.9	67.7	32.2	3.4	64.4		
28.9	23.6	47.5	37.9	18.8	43.3		
29.9	46.8	23.3	45.0	35.8	19.2		
30.0	13.1	56.9	37.6	10.3	52.1		
30.3	19.3	50.4	38.8	15.4	45.8		
30.6	66.1	3.3	48.8	48.4	2.8		
30.7	32.4	36.9	43.4	25.0	31.6		
30.9	55.8	13.3	47.6	41.4	11.0		
31.4	52.4	16.2	46.9	39.5	13.6		
31.7	25.4	42.9	42.4	20.1	37.5		
32.6	11.1	56.3	40.4	9.0	50.6		
33.5	33.9	32.6	46.7	26.1	27.2		
34.0	18.3	47.7	43.4	14.8	41.8		
34.2	12.4	53.4	42.7	10.0	47.3		
35.2	4.8	60.0	42.4	4.0	53.6		
35.5	49.8	14.7	51.9	36.6	11.5		
35.5	59.9	4.6	54.3	42.2	3.5		
35.6	8.5	55.9	43.6	6.9	49.5		
35.8	20.8	37.4	47.4	21.2	31.4		
36.0	45.2	18.8	51.4	33.8	14.8		

Таблица № 2003 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
ацетон	бензол	хлороформ	ацетон	бензол	хлороформ		
36.1	12.6	51.3	45.5	10.0	44.5	Нет данных	760
36.6	35.1	28.3	50.5	26.7	22.8		
37.0	7.6	55.4	45.4	6.1	48.5		
37.3	27.6	35.1	49.8	21.5	28.7		
37.8	37.9	24.3	52.3	28.6	19.1		
39.0	17.2	43.8	49.8	13.6	36.6		
39.3	54.8	5.9	57.1	38.5	4.4		
40.2	43.4	16.4	55.9	31.8	12.3		
40.2	56.7	3.1	57.8	30.7	2.5		
40.3	4.7	55.0	49.0	3.8	47.2		
40.4	12.2	47.4	51.0	10.0	39.0		
41.1	28.4	30.5	54.6	22.2	23.2		
41.2	38.4	20.4	56.1	28.6	15.3		
41.3	1.2	57.5	49.7	0.9	49.4		
43.4	5.7	50.9	53.4	4.8	41.8		
44.0	52.4	3.6	61.6	35.8	2.6		
44.4	40.1	15.5	58.8	28.7	12.5		
44.6	12.3	43.1	55.9	10.0	34.1		
44.6	33.4	22.0	59.1	24.7	16.2		
44.9	8.9	46.2	55.4	7.4	37.2		
44.9	29.5	25.6	58.8	22.2	19.0		
45.0	32.7	22.3	59.5	24.2	16.3		
45.3	12.7	42.0	56.6	10.2	33.2		
45.4	19.2	35.4	57.6	15.0	27.4		
45.9	47.4	6.7	62.4	32.7	4.9		
46.0	14.9	39.1	56.8	12.6	30.6		
47.0	33.6	19.4	61.6	24.5	13.9		
47.3	21.7	31.0	60.4	16.5	23.1		
47.6	28.6	23.8	61.5	21.6	16.9		
48.2	27.1	24.7	61.9	20.4	17.7		
48.3	29.5	22.2	62.2	22.0	15.8		
49.2	43.4	7.4	65.1	29.7	5.2		
49.5	12.3	38.2	61.1	10.0	28.9		
49.6	8.4	42.0	61.0	6.8	32.2		
49.6	24.3	26.1	63.2	18.2	18.6		
51.7	12.4	35.9	63.6	9.9	26.5		
52.0	14.2	33.8	64.2	11.2	24.6		
52.2	21.8	26.0	65.1	16.5	18.4		
53.1	43.3	3.6	67.8	29.7	2.5		
53.6	38.3	8.1	68.1	26.3	5.6		
54.0	1.4	44.6	65.0	1.2	33.8		
54.2	28.2	17.6	67.8	20.4	11.8		
54.6	18.3	27.1	66.7	14.2	19.1		
57.3	25.9	16.8	70.1	18.8	11.1		
58.6	32.8	8.6	71.0	22.8	5.6		
58.8	37.0	4.2	72.5	24.9	2.6		
59.2	6.5	34.3	70.6	5.1	24.3		
60.0	16.1	23.0	72.0	12.2	15.8		
60.4	12.2	27.4	71.5	9.7	18.8		

Таблица № 2003 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
ацетон	бензол	хлороформ	ацетон	бензол	хлороформ		
61.6	23.2	15.2	73.8	16.6	9.6	Нет данных	760
61.7	28.7	9.6	74.2	19.8	6.0		
62.5	25.4	12.1	74.4	18.0	7.6		
63.3	8.0	28.7	74.9	6.1	19.0		
64.2	6.0	29.8	75.2	4.6	20.2		
65.6	33.3	1.1	76.6	22.8	0.6		
66.6	20.0	13.4	77.6	14.2	8.2		
68.0	28.2	3.8	78.0	19.2	2.8		
68.8	5.0	26.2	79.0	3.9	17.1		
69.0	2.0	29.0	80.3	1.4	18.3		
71.9	8.9	19.2	81.6	6.4	12.0		
72.9	10.8	16.3	82.6	7.8	9.6		
74.6	15.3	10.1	83.4	10.7	5.9		
75.1	20.9	4.0	83.5	14.3	2.2		
76.8	7.2	16.0	85.3	5.3	9.4		
77.2	3.8	19.0	85.6	3.0	11.4		
80.2	11.8	8.0	87.2	8.1	4.7		
80.2	16.1	3.7	87.9	9.8	2.3		
83.0	5.4	11.6	90.0	4.0	6.0		
87.1	4.2	8.7	92.2	2.9	4.9		
88.0	2.1	9.9	93.0	1.5	5.5		
89.2	4.4	6.4	93.5	3.2	3.3		
90.6	5.9	3.5	94.0	4.0	2.0		
92.1	1.5	6.4	95.6	1.0	3.4		
93.2	2.2	4.6	96.1	1.6	2.3		
93.6	1.9	4.5	96.2	1.4	2.4		
95.8	1.8	2.4	97.6	1.3	1.1		

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1 2 3
 C_3H_6O $CHCl_3$ $C_4H_{10}O$

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	хлороформ	метилизо- бутилкетон	ацетон	хлороформ	метилизо- бутилкетон	ацетон	хлороформ	метилизо- бутилкетон		
81.75	8.25	10.0	93.3	4.7	2.0	1.006	0.592	1.296	60.17	760
68.85	21.35	0.8	83.6	14.6	1.8	0.992	0.661	1.085	62.50	
55.35	34.95	9.7	69.45	28.75	1.8	0.951	0.740	0.996	64.89	
36.25	55.25	8.5	43.0	55.5	1.5	0.855	0.849	0.889	66.68	
9.90	79.8	10.3	9.05	89.95	1.0	0.678	0.983	0.507	65.79	
23.40	64.5	10.1	28.1	70.2	1.7	0.784	0.904	0.825	67.21	
38.25	51.65	10.1	47.7	51.1	1.2	0.891	0.833	0.640	66.86	
47.70	42.2	10.1	60.6	37.5	1.9	0.939	0.773	0.973	65.88	

Таблица № 2004 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	хлороформ	метилизо- бутилен	ацетон	хлороформ	метилизо- бутилен	ацетон	хлороформ	метилизо- бутилен		
69.25	10.4	20.35	89.4	6.7	3.9	1.017	0.600	1.080	63.75	760
56.40	23.5	20.1	77.8	18.2	4.0	0.996	0.655	1.005	66.50	
44.00	35.8	20.2	63.4	32.6	4.0	0.977	0.732	0.922	68.62	
33.95	45.75	20.3	49.3	46.2	4.5	0.945	0.780	0.980	69.94	
26.00	53.75	20.25	37.3	59.2	3.5	0.920	0.839	0.754	70.41	
18.50	60.8	20.7	25.7	71.1	3.2	0.889	0.885	0.666	70.60	
14.30	65.5	20.2	18.7	78.5	2.8	0.841	0.915	0.605	70.40	
58.95	10.6	30.45	86.0	7.5	6.5	1.028	0.596	0.953	67.17	
44.90	24.8	30.3	72.0	21.5	6.5	1.028	0.600	0.927	70.51	
33.40	35.9	30.7	55.8	36.7	7.5	1.003	0.731	0.971	72.81	
25.20	44.2	30.6	42.7	50.4	6.9	0.983	0.782	0.857	73.93	
18.20	52.1	29.7	29.8	64.0	6.2	0.943	0.838	0.785	74.20	
12.20	58.1	29.7	19.5	74.5	6.0	0.917	0.875	0.759	74.33	
48.70	11.1	40.2	80.8	9.0	10.2	1.023	0.591	1.054	71.65	
35.6	24.0	40.4	65.4	23.6	11.0	1.032	0.655	1.040	74.94	
25.7	33.6	40.7	50.3	38.2	11.5	1.032	0.714	0.921	77.33	
18.1	41.8	40.1	35.5	53.2	11.3	1.000	0.771	0.911	78.37	
12.1	47.9	40.0	24.1	64.8	11.1	0.997	0.804	0.876	79.12	
7.8	52.4	39.8	15.5	74.0	10.5	0.985	0.835	0.830	79.33	
38.3	11.0	50.7	74.4	10.0	15.6	1.039	0.581	1.061	76.65	
27.1	22.2	50.7	58.2	25.0	16.8	1.040	0.646	1.011	80.17	
18.2	30.8	51.0	41.9	39.9	18.2	1.041	0.697	0.999	82.71	
12.6	37.5	49.9	28.1	53.6	18.3	0.975	0.738	0.981	84.13	
8.1	42.5	49.4	17.7	64.0	18.3	0.932	0.767	0.970	84.74	
28.5	11.1	60.4	65.4	12.0	22.6	1.031	0.581	1.041	82.87	
19.8	17.5	62.7	51.2	22.7	26.1	1.049	0.627	1.022	86.64	
13.2	28.1	58.7	33.6	41.0	25.4	0.998	0.679	1.050	87.94	
7.8	32.8	59.4	22.2	51.6	26.2	0.933	0.705	1.000	89.36	
23.8	6.0	70.2	62.5	7.0	30.5	1.050	0.556	1.049	87.25	
15.9	13.2	70.9	45.5	18.8	35.7	1.029	0.608	1.052	91.44	
10.0	18.0	72.0	32.0	28.3	39.7	1.068	0.620	1.048	94.36	
6.7	21.7	71.6	21.7	36.8	41.5	1.037	0.631	1.049	96.07	
13.45	5.7	80.85	43.0	8.8	48.2	1.002	0.579	1.055	96.58	
8.1	9.8	82.1	29.5	17.0	53.5	1.063	0.599	1.045	99.85	
5.5	12.5	82.0	19.6	22.5	57.9	0.984	0.591	1.060	102.04	
6.7	3.2	90.1	23.8	5.7	70.5	0.945	0.543	1.065	105.52	
2.4	5.1	92.5	10.8	10.1	79.1	1.062	0.549	1.042	109.14	
0.8	3.5	95.7	4.5	7.5	88.0	1.110	0.556	1.026	111.86	

$$\lg \frac{\gamma_2}{\gamma_1} = -0.287 (x_1 - x_2) - 0.036 [(x_1 - x_2)^2 - 2x_1x_2] - \\ - 0.023 (x_1 - x_2) [(x_1 - x_2)^2 - 4x_1x_2] + x_3 [-0.364 - 0.08 (2x_2 - x_3)],$$

$$\lg \frac{\gamma_2}{\gamma_3} = -0.364 (x_3 - x_2) + 0.08 [(x_3 - x_2)^2 - 2x_2x_3] + \\ + x_1 [-0.287 - 0.036 (x_1 - 2x_2) - 0.023 (3x_2^2 - 4x_1x_2 + x_1^2)].$$



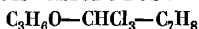
Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	гексан	ацетон	хлороформ	гексан		
10.1	80.0	9.9	7.0	79.5	13.5	61.57	760
20.1	70.0	9.9	17.3	67.1	15.6	61.89	
10.1	70.1	19.8	8.0	67.8	24.2	60.84	
30.1	60.0	9.9	29.1	54.2	16.7	62.09	
20.1	60.0	19.9	18.9	54.2	26.9	60.91	
10.1	60.0	29.9	9.5	58.5	32.0	60.66	
40.0	50.2	9.8	42.0	40.5	17.5	60.99	
30.0	50.0	20.0	31.5	40.1	28.4	60.22	
20.0	50.1	29.9	21.8	44.0	34.2	60.15	
10.0	50.0	40.0	13.3	48.6	38.1	60.59	
49.9	40.2	9.9	53.0	29.4	17.0	60.16	
40.0	40.1	19.9	42.9	28.2	28.9	58.55	
30.0	40.0	30.0	34.7	30.3	35.0	58.85	
10.7	40.0	40.3	26.3	33.8	39.9	59.40	
10.0	40.0	50.0	13.5	40.3	46.2	60.51	
60.0	30.0	10.0	63.2	19.0	17.8	57.82	
50.0	30.0	20.0	53.0	17.9	29.1	57.11	
40.0	30.1	29.9	46.0	19.0	35.0	56.62	
30.0	30.0	40.0	39.5	21.5	39.0	57.31	
19.9	30.1	50.0	32.6	23.6	43.8	58.46	
9.9	30.0	60.1	17.4	30.4	52.2	60.33	
70.0	20.1	9.9	71.6	10.6	17.8	56.10	
60.0	20.0	20.0	60.1	9.9	30.0	54.60	
50.0	20.0	30.0	56.0	9.5	34.5	54.22	
39.9	20.2	39.9	51.0	10.2	38.8	54.54	
29.9	20.1	50.0	45.4	11.6	43.0	54.90	
19.9	20.0	60.1	37.2	15.1	47.7	57.13	
9.8	20.0	70.2	20.5	21.6	57.9	60.65	
80.1	10.0	9.9	77.1	4.7	18.2	53.86	
70.1	10.1	19.8	66.4	3.9	29.7	52.50	
60.0	10.0	30.0	61.1	4.0	34.9	51.90	
49.9	10.0	40.1	57.6	4.3	38.1	52.01	
40.0	10.0	50.0	54.0	5.2	40.8	52.46	
29.8	10.0	60.2	48.8	6.1	45.1	53.63	
19.9	10.0	70.1	41.8	8.1	50.1	55.50	
9.6	10.0	80.4	27.5	9.0	63.5	59.18	
6.5	60.0	33.5	6.8	59.9	33.3	60.79	
10.9	79.9	9.2	6.0	79.8	14.2	35	287.0
20.7	70.0	9.3	15.8	67.9	16.3		280.1
11.0	70.4	18.6	6.7	69.8	23.5		296.7
30.5	60.1	9.4	27.6	54.5	17.9		275.6
20.4	60.3	19.3	17.5	54.8	27.7		295.4
10.7	60.0	29.3	8.3	58.3	33.4		303.6
39.9	51.4	8.7	40.9	41.0	18.1		289.0
30.1	50.2	19.7	31.0	40.6	28.4		299.8
20.0	50.4	29.6	20.9	43.7	35.4		301.1
9.8	50.2	40.0	10.5	49.2	40.3		301.4
49.5	41.1	9.4	53.5	28.0	17.5		296.3

Таблица № 2005 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	гексан	ацетон	хлороформ	гексан		
39.9	40.6	19.5	42.5	27.8	29.7	35	320.1
29.7	40.3	30.0	34.2	29.9	35.9		314.7
19.0	40.4	40.6	24.9	34.0	41.1		313.7
9.7	40.0	50.3	12.5	40.8	46.7		305.1
60.0	30.3	9.7	63.9	18.1	18.0		328.2
49.8	30.5	19.7	54.1	17.3	28.6		340.7
40.0	30.4	29.6	46.2	18.4	35.4		344.3
29.7	30.2	40.1	38.6	21.1	40.3		338.3
19.4	30.4	50.2	30.0	24.7	45.3		322.6
9.4	29.9	60.7	17.4	30.0	52.6		300.8
69.7	20.8	9.5	70.9	10.4	18.7		354.1
59.9	20.3	19.8	62.3	9.0	28.7		376.6
49.7	20.4	29.9	56.1	9.9	34.0		373.7
39.6	20.8	39.6	49.6	11.4	39.0		374.7
29.0	20.7	50.3	43.5	12.7	43.8		360.6
10.3	20.2	60.5	35.2	16.3	48.5		334.7
8.6	19.7	71.7	20.3	21.9	57.8		301.7
80.7	10.4	8.9	75.2	4.4	20.4		383.2
71.0	10.7	18.3	66.9	4.3	28.8		401.7
59.9	10.3	29.8	62.1	4.2	33.7		413.9
49.1	10.2	40.7	59.5	3.7	36.8		409.3
39.6	10.3	50.1	54.4	4.3	41.3		405.8
28.3	10.2	61.5	49.1	5.3	45.6		389.4
19.3	10.0	70.7	41.0	7.0	52.0		361.6
8.7	10.0	81.3	26.7	8.9	64.4		320.9
6.5	60.0	33.5	6.0	60.0	34.0		300.5
10.3	80.0	9.7	6.2	80.6	13.2	45	426.4
20.5	70.0	9.5	15.7	67.8	16.5		418.3
10.7	70.3	19.0	7.1	69.2	23.7		453.0
30.4	60.1	9.5	27.9	54.5	17.6		412.2
20.3	60.2	19.5	17.9	54.8	27.3		436.2
10.5	60.0	29.5	9.2	58.3	32.5		447.4
39.9	51.0	9.1	41.4	40.8	17.8		433.5
30.1	50.1	19.8	30.6	40.5	28.9		444.3
20.0	50.3	29.7	21.2	44.2	34.6		447.3
9.8	50.2	40.0	10.5	49.5	40.0		421.6
49.6	40.8	9.6	52.6	28.8	18.6		453.7
40.0	40.4	19.6	43.4	27.6	29.0		469.6
29.8	40.2	30.0	34.8	29.9	35.3		465.1
19.3	40.2	40.5	25.1	34.5	40.4		459.5
9.8	40.0	50.2	13.2	40.6	46.2		449.4
60.0	30.2	9.8	62.7	18.3	19.0		481.2
49.9	30.3	19.8	53.0	18.6	28.4		497.7
40.0	30.3	29.7	46.0	19.3	34.7		501.6
29.8	30.1	40.1	40.2	21.5	38.3		498.1
19.6	30.2	50.2	29.0	25.5	45.5		476.1
9.6	29.9	60.5	17.0	31.0	52.0		444.2
69.8	20.8	9.6	71.0	9.9	19.1		520.0
59.9	20.2	19.9	61.8	9.3	28.9		543.4
49.8	20.2	30.0	55.9	9.9	34.2		542.5

Таблица № 2005 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	хлороформ	гексан	ацетон	хлороформ	гексан		
39.7	20.6	39.7	51.0	10.6	38.4	45	534.7
29.3	20.5	50.2	43.0	12.8	44.2		531.3
19.5	20.1	60.4	34.8	15.6	49.6		400.8
9.0	19.8	71.2	20.0	21.9	58.1		442.5
80.5	10.3	9.2	75.5	4.0	20.5		554.8
70.7	10.5	18.8	67.0	3.7	29.3		581.9
59.9	10.2	29.9	62.0	3.6	34.4		602.9
49.4	10.1	40.5	58.7	3.9	37.4		595.0
39.7	10.2	50.1	55.2	4.2	40.6		591.9
28.8	10.1	61.1	48.7	5.4	45.9		565.8
19.5	10.0	70.5	41.1	6.9	52.0		524.2
9.0	10.0	81.0	26.1	9.6	64.3		466.1
6.5	60.0	33.5	6.5	60.0	33.5		443.9
10.2	80.0	9.8	6.7	79.7	13.6	55	609.0
20.3	70.0	9.7	16.8	67.1	16.1		601.1
10.4	70.2	19.4	7.3	67.6	25.1		626.9
30.3	60.0	9.7	28.5	54.4	17.1		597.6
20.2	60.1	19.7	18.2	54.7	27.1		624.5
10.3	60.0	29.7	9.8	58.0	32.2		632.7
40.0	50.6	9.4	42.0	39.8	18.2		620.2
30.0	50.1	19.9	31.3	40.3	28.4		631.5
20.0	50.2	29.8	21.5	44.2	34.3		641.2
9.9	50.1	40.0	11.4	49.3	39.3		632.5
49.8	40.5	9.7	54.2	28.0	17.8		656.3
40.1	40.2	19.7	44.2	27.3	28.5		672.6
29.9	40.1	30.0	35.3	29.0	35.7		672.7
19.5	40.1	40.4	24.8	34.6	40.6		651.6
9.9	40.0	50.1	14.0	40.8	45.2		633.8
60.0	30.1	9.9	63.9	17.9	18.2		692.8
50.0	30.1	19.9	55.4	16.6	28.0		710.6
40.0	30.2	29.8	47.5	18.1	34.4		722.4
29.9	30.1	40.0	39.1	20.9	40.0		705.8
19.8	30.1	50.1	30.8	23.8	45.4		678.8
9.9	30.0	60.1	17.6	30.5	51.9		637.0
69.9	20.4	9.7	71.7	10.2	18.1		734.2
60.0	20.1	19.9	62.6	9.6	27.8		770.1
49.9	20.1	30.0	55.9	9.7	34.4		781.2
39.8	20.4	39.8	50.2	10.9	38.9		773.3
29.6	20.3	50.1	43.9	12.8	43.3		757.1
19.7	20.1	60.2	35.7	16.3	48.0		703.0
9.4	19.9	70.7	21.0	21.5	57.5		632.2
80.3	10.2	9.5	76.5	4.5	19.0		788.7
70.4	10.3	19.3	67.1	4.2	28.7		823.9
60.0	10.1	29.9	62.9	3.7	33.4		851.8
40.6	10.1	40.3	58.4	3.9	37.7		841.0
39.9	10.1	50.0	54.1	4.8	41.1		828.0
29.3	10.1	60.6	48.3	5.9	45.8		795.5
19.7	10.0	70.3	41.3	7.8	50.9		749.0
9.3	10.0	80.7	27.4	9.2	63.4		666.7
6.5	60.0	33.5	6.5	60.0	33.5		630.7



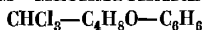
Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	хлоро- форм	толуол	ацетон	хлоро- форм	толуол	ацетон	хлоро- форм	толуол		
10.0	10.0	80.0	41.3	17.2	41.5	1.515	0.722	1.014	88.8	760
10.0	20.0	70.0	35.1	34.8	30.1	1.432	0.814	0.953	85.0	
10.0	30.0	60.0	29.4	47.8	22.8	1.311	0.816	0.935	81.9	
10.0	40.0	50.0	24.0	63.7	12.3	1.183	0.903	0.681	78.5	
10.0	50.0	40.0	17.2	74.6	8.2	0.922	0.920	0.625	75.7	
10.0	60.0	30.0	11.1	81.5	7.4	0.675	0.965	0.864	72.1	
10.0	70.0	20.0	9.2	86.3	4.5	0.603	0.940	0.855	69.3	
10.0	80.0	10.0	7.8	90.0	2.2	0.593	0.941	0.956	66.7	
20.0	10.0	70.0	50.3	15.5	26.2	1.358	0.830	0.970	80.4	
20.0	20.0	60.0	51.8	26.7	21.5	1.280	0.759	0.995	78.4	
20.0	30.0	50.0	45.0	39.1	15.9	1.181	0.787	0.946	76.4	
20.0	40.0	40.0	38.3	49.3	12.4	1.074	0.796	0.998	74.2	
20.0	50.0	30.0	32.2	62.9	4.9	0.995	0.895	0.591	71.4	
20.0	60.0	20.0	26.5	70.0	3.5	0.868	0.887	0.682	69.4	
20.0	70.0	10.0	19.8	78.0	1.2	0.704	0.913	0.507	67.1	
30.0	10.0	60.0	71.0	10.6	18.4	1.295	0.668	0.959	75.0	
30.0	20.0	50.0	62.2	20.9	16.9	1.180	0.686	1.107	73.7	
30.0	30.0	40.0	55.4	33.6	11.0	1.109	0.775	0.957	72.0	
30.0	40.0	30.0	48.6	43.3	8.1	1.026	0.790	0.999	70.3	
30.0	50.0	20.0	42.6	53.7	3.7	0.945	0.824	0.726	68.0	
30.0	60.0	10.0	34.7	63.0	2.3	0.817	0.863	0.971	66.7	
40.0	10.0	50.0	77.6	8.5	13.9	1.208	0.611	1.010	70.8	
40.0	20.0	40.0	71.0	17.8	11.2	1.144	0.662	1.059	69.7	
40.0	30.0	30.0	62.7	28.5	8.8	1.051	0.734	1.159	68.5	
40.0	40.0	20.0	55.7	38.1	6.2	0.975	0.799	1.290	67.1	
40.0	50.0	10.0	48.6	47.3	4.1	0.887	0.797	1.791	65.8	
50.0	10.0	40.0	82.1	7.0	10.9	1.131	0.556	1.114	67.6	
50.0	20.0	30.0	76.6	16.0	7.4	1.090	0.657	1.046	66.6	
50.0	30.0	20.0	69.9	24.6	5.5	1.024	0.693	1.205	65.7	
50.0	40.0	10.0	62.7	34.0	3.3	0.949	0.742	1.503	64.7	
60.0	10.0	30.0	85.4	6.4	8.2	1.074	0.557	1.239	64.8	
60.0	20.0	20.0	80.8	14.0	5.2	1.039	0.623	1.211	64.1	
60.0	30.0	10.0	75.1	21.8	3.1	0.988	0.662	1.482	63.4	
70.0	10.0	20.0	88.8	6.1	5.1	1.036	0.574	1.266	62.4	
70.0	20.0	10.0	84.5	13.2	2.3	1.005	0.634	1.168	61.8	
80.0	10.0	10.0	91.7	6.0	2.3	1.000	0.604	1.233	60.4	



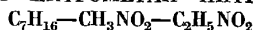
Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метил-ацетат	хлороформ	бензол	метил-ацетат	хлороформ	бензол	метил-ацетат	хлороформ	бензол		
7.8	84.4	7.8	5.6	89.9	4.5	0.566	0.974	0.977	63.9	760
9.0	75.6	15.4	7.8	82.9	9.3	0.658	0.966	0.981	65.1	
9.3	65.5	25.2	9.2	72.9	17.9	0.701	0.917	1.078	67.2	
7.3	64.7	28.0	7.1	74.4	18.5	0.687	0.944	1.077	67.3	
6.0	59.5	34.5	6.8	69.3	23.9	0.770	0.879	1.004	68.5	
6.9	54.6	38.5	8.1	64.4	27.5	0.782	0.911	1.015	69.1	
5.7	45.0	49.3	7.9	54.2	37.9	0.873	0.885	1.029	70.9	
7.5	38.1	54.4	10.8	46.1	43.1	0.882	0.865	1.031	71.8	
6.9	31.2	61.9	10.8	38.5	50.7	0.928	0.852	1.029	72.9	
5.6	26.4	68.0	10.2	33.2	56.6	1.050	0.845	1.015	73.8	
5.2	20.6	74.2	9.5	26.3	64.2	1.016	0.824	1.019	74.9	
4.5	13.6	81.9	10.3	17.5	72.2	1.243	0.848	1.042	75.7	
4.5	6.3	89.2	10.3	8.1	81.6	1.175	0.796	1.020	76.6	
15.4	76.0	8.6	13.3	81.5	5.2	0.640	0.923	0.959	64.8	
12.5	69.2	18.3	11.9	76.0	12.1	0.695	0.931	1.032	66.3	
14.8	64.6	20.6	14.9	71.2	13.9	0.725	0.923	1.040	66.7	
15.3	57.6	27.1	17.0	63.8	19.2	0.782	0.906	1.066	67.4	
13.2	53.2	33.6	16.3	60.2	23.5	0.833	0.888	1.007	68.7	
12.1	46.6	41.3	15.6	53.5	30.9	0.837	0.869	1.035	69.9	
13.6	37.9	48.5	18.6	44.3	37.1	0.870	0.867	1.034	70.6	
13.9	33.1	53.0	20.5	37.7	41.8	0.929	0.837	1.056	70.9	
10.5	21.4	68.1	18.0	25.3	56.7	1.004	0.807	1.031	73.3	
10.6	15.1	74.3	19.7	17.8	62.5	1.078	0.797	1.033	73.6	
10.8	7.0	82.2	22.4	6.4	71.2	1.181	0.607	1.042	74.2	
22.6	70.3	7.1	21.3	74.0	4.7	0.605	0.788	0.903	65.3	
20.8	67.0	12.2	19.7	72.3	8.0	0.705	0.932	1.045	65.7	
20.0	60.0	20.0	21.5	64.5	14.0	0.725	0.900	1.073	66.7	
19.6	54.2	26.2	22.5	58.5	19.0	0.802	0.878	1.085	67.6	
18.6	47.6	33.8	23.2	51.8	25.0	0.849	0.863	1.076	68.4	
19.0	53.1	27.9	21.8	57.8	20.4	0.794	0.876	1.083	67.9	
19.0	46.8	34.2	23.7	51.1	25.2	0.849	0.866	1.072	68.4	
18.2	28.5	53.3	27.2	31.1	41.7	0.953	0.813	1.062	70.5	
16.2	21.3	62.5	26.3	23.6	50.1	1.007	0.802	1.056	71.4	
17.2	13.6	69.2	28.9	14.8	56.3	1.029	0.778	1.059	71.8	
13.6	8.0	78.4	25.5	9.0	65.5	1.086	0.772	1.046	73.1	
25.3	66.5	8.2	24.7	69.5	5.8	0.733	0.911	1.141	65.5	
27.3	59.1	13.6	29.0	61.2	9.8	0.782	0.886	1.136	66.0	
27.3	53.5	19.2	30.9	55.1	14.0	0.813	0.859	1.120	66.8	
26.6	47.6	25.8	32.3	48.8	18.9	0.857	0.842	1.107	67.3	
24.6	40.5	34.9	31.6	41.9	26.5	0.880	0.825	1.112	68.2	
20.1	33.0	46.9	28.6	35.2	36.2	0.930	0.812	1.074	69.7	
23.6	29.2	47.2	33.8	29.8	36.4	0.951	0.789	1.091	69.2	
22.4	22.5	55.1	33.9	23.2	42.9	0.986	0.783	1.080	69.8	
24.4	14.7	60.9	38.1	14.5	47.4	1.017	0.749	1.079	69.8	
22.6	7.6	69.8	38.2	7.6	54.2	1.084	0.749	1.059	70.3	

Таблица № 2007 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метил-ацетат	хлоро-форм	бензол	метил-ацетат	хлоро-форм	бензол	метил-ацетат	хлоро-форм	бензол		
33.5	59.6	6.9	35.6	59.5	4.9	0.796	0.868	1.139	65.5	760
32.6	51.1	16.3	37.5	50.8	11.7	0.964	0.848	1.128	66.1	
30.6	48.7	20.7	36.0	48.7	15.3	0.988	0.840	1.146	66.6	
30.3	42.4	27.3	37.8	42.1	20.1	1.032	0.821	1.119	67.1	
30.6	36.0	33.4	39.7	35.1	25.2	0.913	0.798	1.136	67.4	
30.4	29.0	40.6	41.8	27.7	30.5	0.958	0.776	1.120	67.7	
29.3	21.5	49.2	42.2	20.3	37.5	0.984	0.751	1.112	68.3	
28.9	15.9	55.2	43.8	14.9	41.3	1.032	0.743	1.088	68.4	
30.0	7.6	62.4	46.6	6.8	46.6	1.052	0.705	1.079	68.6	
38.5	52.5	9.0	43.0	50.4	6.6	0.839	0.837	1.180	69.4	
38.7	48.2	13.1	44.5	45.8	9.7	0.856	0.821	1.180	69.7	
39.1	41.8	19.1	47.1	38.9	14.0	0.893	0.802	1.163	69.8	
36.0	38.5	25.5	44.7	36.2	19.1	0.894	0.787	1.155	69.9	
32.5	35.8	31.7	41.9	34.4	23.7	0.910	0.789	1.130	67.3	
37.7	21.6	40.7	51.1	18.8	30.1	0.979	0.731	1.144	66.6	
37.2	14.1	48.7	52.8	12.1	35.1	1.025	0.721	1.114	66.6	
36.7	7.2	56.1	53.5	6.1	40.4	1.047	0.707	1.106	66.8	
44.8	49.1	6.1	51.8	43.8	4.4	0.886	0.793	1.187	64.8	
43.9	42.7	13.4	51.4	38.7	9.9	0.886	0.796	1.196	65.2	
44.2	35.8	20.0	55.0	29.5	15.5	0.941	0.724	1.254	65.2	
43.0	28.1	28.9	54.9	24.0	21.1	0.956	0.741	1.171	65.5	
43.1	22.4	34.5	56.4	18.7	24.9	0.976	0.723	1.152	65.6	
43.9	14.1	42.0	58.6	11.5	29.9	1.006	0.714	1.149	65.3	
40.7	9.1	50.2	57.5	7.1	35.4	1.048	0.676	1.119	65.8	
50.3	42.5	7.2	57.6	37.1	5.3	0.892	0.788	1.230	64.3	
49.3	35.5	15.2	59.0	29.9	11.1	0.929	0.759	1.218	64.4	
49.4	30.3	20.3	60.3	25.0	14.7	0.944	0.740	1.100	64.5	
47.3	28.5	24.2	58.9	23.4	17.7	0.957	0.732	1.204	64.7	
49.0	15.5	34.9	63.4	12.0	24.6	0.906	0.690	1.177	64.3	
49.4	8.1	42.5	64.9	5.9	29.2	1.026	0.660	1.151	64.2	
56.9	35.7	7.4	65.5	29.0	5.5	0.927	0.758	1.284	63.3	
56.1	30.5	13.4	65.9	24.1	10.0	0.943	0.735	1.285	63.4	
57.1	22.3	20.6	68.7	16.8	14.5	0.969	0.703	1.216	63.3	
55.4	15.7	28.9	68.7	11.4	19.9	0.995	0.675	1.186	63.4	
55.7	8.2	36.1	69.8	5.7	24.5	1.012	0.651	1.177	63.2	
63.8	29.4	6.8	73.0	22.0	5.0	0.945	0.716	1.306	62.5	
63.7	22.1	14.2	73.8	16.1	10.1	0.972	0.699	1.268	62.4	
65.5	14.8	19.7	76.3	10.3	13.4	0.986	0.681	1.240	61.8	
64.6	7.6	27.8	76.5	5.0	18.5	1.002	0.644	1.213	61.8	
71.1	22.2	6.7	80.0	15.3	4.7	0.972	0.688	1.304	61.2	
72.2	14.6	13.2	81.2	9.8	9.0	0.978	0.674	1.275	61.0	
71.5	8.4	20.1	81.4	5.2	13.4	0.993	0.624	1.251	60.9	
78.9	15.1	6.0	86.1	9.8	4.1	0.977	0.671	1.318	60.1	
78.4	6.6	15.0	86.0	4.0	10.0	0.989	0.631	1.296	59.9	
86.2	7.2	6.6	91.4	4.3	4.3	0.988	0.643	1.313	58.9	
20.7	34.6	44.7	29.1	36.7	34.2	0.924	0.813	1.072	69.5	



Состав смеси, мол. %			Состав пара, мол. %			t	P
хлороформ	метилэтил-кетон	бензол	хлороформ	метилэтил-кетон	бензол		
10	80	10	11.1	77.7	11.2	78.9	760
20	70	10	23.1	65.2	11.7	78.5	
30	60	10	36.4	52.1	11.5	78.0	
40	50	10	50.8	39.1	10.1	76.5	
50	40	10	64.4	26.8	8.8	74.6	
60	30	10	75.3	17.1	7.6	71.7	
70	20	10	84.3	9.0	6.7	68.8	
80	10	10	90.3	3.7	6.0	66.0	
10	10	80	13.5	11.0	75.5	78.1	
20	10	70	27.1	8.8	64.1	76.8	
30	10	60	39.8	7.7	52.5	75.5	
40	10	50	53.1	6.2	40.7	73.8	
50	10	40	63.8	6.0	30.2	71.9	
60	10	30	73.9	5.2	20.9	69.9	
70	10	20	82.9	4.1	13.0	68.0	
10	20	70	13.2	20.2	66.6	77.9	
10	30	60	12.9	29.4	57.7	77.9	
10	40	50	12.5	38.2	49.3	78.1	
10	50	40	12.4	47.2	40.4	78.2	
10	60	30	11.9	56.8	31.3	78.3	
10	70	20	11.5	67.1	21.4	78.6	
20	60	20	23.7	55.1	21.2	78.2	
30	50	20	37.4	42.1	20.5	77.3	
40	40	20	52.0	29.3	18.7	75.9	
50	30	20	64.5	18.8	16.7	73.5	
60	20	20	74.8	10.4	14.8	70.6	
20	20	60	26.5	18.0	55.5	76.8	
30	20	50	39.3	15.4	45.3	75.8	
40	20	40	53.3	13.3	33.4	74.1	
50	20	30	64.4	12.0	23.6	72.5	
20	30	50	25.8	26.6	47.6	77.2	
20	40	40	25.1	35.6	39.3	77.5	
20	50	30	24.5	44.6	30.9	77.9	
30	40	30	38.2	31.8	30.0	76.8	
40	30	30	52.9	20.1	27.0	75.2	
30	30	40	38.7	24.0	37.3	76.2	

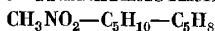


Состав жидкости, мол. %						Состав пара, мол. %			t	P
гептановый слой			нитропарафиновый слой			гептан	нитрометан	нитроэтан		
гептан	нитро-метан	нитро-этан	гептан	нитро-метан	нитро-этан					
96.55	3.45	0.00	1.47	98.53	0.00	56.7	43.3	0.00	20	58.2
95.92	3.41	0.67	1.76	90.57	7.67	57.35	40.52	2.13		57.2
95.39	3.3	1.31	1.94	81.8	16.26	58.2	37.81	3.99		56.2
94.64	3.18	2.18	2.53	72.53	24.92	59.08	34.5	6.42		55.1
93.89	3.03	3.08	3.19	63.21	33.6	59.95	31.05	9.0		54.2
92.86	2.89	4.25	3.95	53.67	42.38	60.93	27.41	11.66		53.0
91.76	2.64	5.6	4.87	43.18	51.98	62.08	23.01	14.91		51.8
90.88	2.46	6.66	5.66	35.88	58.46	62.88	19.87	17.25		50.9
89.77	2.2	8.03	6.55	28.86	64.59	63.72	16.68	19.6		50.0
87.87	1.84	10.29	7.9	19.92	72.18	65.26	12.24	22.5		49.0
85.43	1.18	13.39	9.84	10.51	79.03	66.87	7.4	25.73	40	47.7
82.89	0.00	17.11	13.03	0.00	86.95	69.56	0.00	30.44		46.2
94.16	5.84	0.00	2.25	97.75	0.00	54.3	45.7	0.00		161.4
93.0	5.94	1.06	2.66	89.02	7.42	50.5	42.10	2.31		158.2
91.56	6.37	2.07	3.58	81.12	15.3	56.18	39.48	4.34		154.9
90.22	6.05	3.73	4.64	71.96	23.4	57.07	35.78	7.15		151.6
88.36	6.17	5.47	5.5	63.06	31.44	57.88	32.66	9.46		148.4
86.68	5.65	7.67	6.54	52.16	41.3	58.9	28.78	12.32		145.1
83.72	5.95	10.33	8.35	41.6	50.05	60.0	24.05	15.95		141.7
81.83	5.91	12.26	9.58	34.63	57.59	60.78	21.06	18.16		139.6
79.89	5.7	14.41	11.84	26.65	61.51	61.81	17.55	20.64	70	137.3
75.36	5.3	19.34	15.62	18.3	66.08	63.48	12.83	23.69		134.7
65.62	4.05	30.39	20.77	9.27	69.98	65.14	7.59	27.27		132.0
61.55	3.56	34.39	25.62	5.93	68.45	65.9	5.33	28.77		131.0
86.58	13.42	0.00	4.6	95.4	0.00	52.09	47.91	0.00		547.8
84.48	13.66	1.86	5.14	87.66	7.2	52.74	44.63	2.63		534.7
81.48	14.22	4.3	6.48	77.84	15.68	53.33	41.06	5.01		521.5
77.72	15.04	7.24	8.46	68.99	22.55	53.76	38.62	7.62		507.8
72.3	16.3	11.4	12.2	57.86	29.94	54.49	34.93	10.58		495.0
63.1	18.92	17.98	18.7	46.74	34.56	55.6	31.49	12.91		481.0
48.59	24.44	26.97	28.13	36.14	35.73	56.0	28.6	15.4		472.6

№ 2010

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НИТРОМЕТАН—ТРИМЕТИЛЭТИЛЕН—ИЗОПРЕН



Содержание нитрометана в жидкости, мол. %	Содержание изопрена в углеводородной части, мол. %		t	P
	в жидкости	в паре		
43.3	25.1	26.7	37.30	760
29.9		24.4	37.80	
45.0		23.4	38.08	

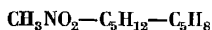
Таблица № 2010 (продолжение)

Содержание нитрометана в жидкости, мол. %	Содержание изопрена в углеводородной части, мол. %		t	Р
	в жидкости	в паре		
59.7	25.1	22.1	38.40	760
74.5		20.2	39.20	
89.7		17.5	48.78	
14.8		51.5	37.22	
29.2		50.3	37.42	
45.0	50.3	47.7	37.91	
60.0		45.3	38.55	
74.7		42.1	40.05	
90.1		39.4	52.80	
14.7		76.2	36.00	
29.6	75.7	75.1	36.80	
44.5		73.1	37.68	
58.8		71.5	38.97	
74.5		69.3	41.29	
89.4		67.3	54.60	

№ 2011

[190]

НИТРОМЕТАН—ИЗОПЕПТАН—ИЗОПРЕЛ



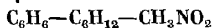
Содержание нитрометана в жидкости, мол. %	Содержание изопрена в углеводородной части, мол. %			Р
	в жидкости	в паре		
13.9	24.2	19.8	28.0	760
30.6		18.9	27.9	
46.0		18.2	28.1	
65.1		16.5	28.0	
75.5		14.5	28.0	
90.3	51.4	9.9	27.5	
15.7		39.2	29.9	
31.6		37.1	29.8	
45.2		36.0	29.7	
59.4		33.4	29.4	
74.7	74.1	28.9	29.9	
89.8		19.8	30.7	
13.9		64.4	32.4	
29.2		61.4	32.6	
44.0		57.3	32.6	
63.1		52.8	32.4	
74.1		48.6	32.4	
89.4		44.1	40.6	

НИТРОМЕТАН—ИЗОПЕНТАН—ТРИМЕТИЛЭТИЛЕН



Содержание нитрометана в жидкости, мол. %	Содержание изопентана в углеводородной части, мол. %		t	P
	в жидкости	в паре		
15.8	50.0	60.9	31.73	760
31.6		61.3	31.65	
46.3		60.9	31.63	
61.2		61.5	31.58	
75.7		64.3	31.30	
90.3		70.7	30.50	

БЕНЗОЛ—ЦИКЛОГЕКСАН—НИТРОМЕТАН



Состав жидкости, вес. %			Состав пара, вес. %			t	P
бензол	цикло- гексан	нитро- метан	бензол	цикло- гексан	нитро- метан		
78.0	11.0	11.0	78.0	12.3	9.7	78.0	760
70.0	19.3	10.7	68.0	22.0	10.0	77.1	
60.6	28.8	10.6	52.6	34.0	13.4	75.9	
51.1	38.5	10.4	43.6	42.4	14.0	74.9	
41.2	48.4	10.4	34.5	50.3	15.2	74.7	
30.8	59.0	10.2	27.1	59.1	13.8	74.0	
20.7	9.1	20.2	67.2	10.6	22.2	77.8	
61.0	18.7	20.3	54.2	23.2	22.6	76.8	
50.5	29.0	20.5	42.5	38.7	18.8	75.2	
38.1	41.0	20.0	38.4	41.9	19.7	74.2	
28.8	51.3	19.9	25.3	61.9	12.8	73.1	
63.5	7.2	29.3	60.2	18.7	21.1	77.9	
50.3	18.8	30.9	46.0	32.7	21.3	76.7	
40.2	28.9	30.9	34.7	43.4	21.9	75.2	
30.0	39.3	30.7	25.4	50.8	23.8	74.6	

МЕТАН—ЭТИЛЕН—ЭТАН



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	этилен	этан	метан	этилен	этан		
15.8	62.9	21.3	74.8	20.1	5.1	—104	5
15.5	50.7	33.8	76.0	16.7	7.3		5
16.0	43.0	41.0	76.7	14.8	8.5		5
16.2	27.9	55.9	80.5	8.4	11.1		5
16.1	13.4	70.5	83.9	4.1	12.0		5

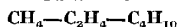
Таблица № 2014 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	этилен	этан	метан	этилен	этан		
34.1	55.4	10.5	88.9	9.5	1.6	-104	10
33.6	41.2	25.2	89.0	8.1	2.9		10
33.0	23.4	43.6	90.7	4.8	4.5		10
33.5	16.5	50.0	91.6	3.5	4.9	-78	10
14.9	66.8	18.3	67.9	26.9	5.2		10
14.4	57.5	28.1	69.1	23.0	7.9		10
15.1	41.5	43.4	71.3	17.6	11.1	0	10
15.5	34.0	50.5	78.7	8.2	13.1		10
17.7	15.8	66.5	79.5	5.0	15.5		10
37.2	50.1	12.7	84.6	12.8	2.6	20	20
37.5	44.0	18.5	86.5	10.4	3.1		20
37.1	32.5	30.4	87.4	7.2	5.4		20
37.3	28.9	33.8	88.3	5.7	6.0	20	20
37.8	26.2	36.0	88.4	4.6	7.0		20
38.2	17.7	44.1	88.5	2.2	9.3		20
38.8	13.0	48.2	88.9	1.2	9.9	20	20
75.2	20.4	4.4	94.3	4.3	1.4		35
77.9	11.0	11.1	95.0	2.0	3.0		35
73.2	4.8	22.0	93.9	1.1	5.0	0	35
7.4	81.2	11.4	14.3	77.7	8.0		50
9.0	72.0	19.0	17.1	68.3	14.6		50
12.3	55.6	32.1	22.8	51.3	25.9	50	50
14.3	41.5	44.2	27.5	37.5	35.0		50
15.5	33.6	50.9	30.1	29.5	40.4		50
16.1	13.3	70.6	33.4	16.1	50.5	50	50

№ 2015

МЕТАН—ЭТИЛЕН—ИЗОБУТАН

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Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	этилен	изобутан	метан	этилен	изобутан		
12.53	12.45	75.02	57.65	22.4	19.95	37.78	34.02
6.9	27.9	65.2	33.55	48.15	18.3		
3.9	37.2	58.9	18.75	64.00	17.25		
0.0	49.7	50.3	0.0	84.05	15.95	71.11	34.02
8.3	7.8	83.9	41.8	16.35	41.85		
5.65	15.0	79.35	26.9	32.55	40.55		
3.0	21.5	75.5	14.8	45.85	39.35	37.78	68.05
0.0	29.6	70.4	0.0	62.4	37.6		
28.4	17.05	54.55	65.7	18.7	15.6		
25.2	27.0	47.8	55.2	29.7	15.1	71.11	68.05
21.55	38.35	40.1	43.4	42.05	14.55		
18.9	46.2	34.9	35.75	50.0	14.25		
15.75	56.3	27.05	25.7	60.25	13.05	71.11	68.05
21.75	18.1	60.15	45.9	22.95	31.45		
15.9	33.4	50.7	28.3	40.8	30.9		
11.35	45.85	42.8	16.25	51.75	32.0		

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	этан	пропан	метан	этан	пропан		
0.28	0	99.8	5.7	0	94.3	10	6.8
0.22	0.80	98.97	4.52	2.80	92.68		
0	2.36	97.64	0	7.20	92.80		
4.40	0	96.0	47.1	0	52.9		
4.40	0	96.2	47.1	0	52.9		
3.96	6.55	89.66	41.2	11.2	47.6	13.6	13.6
2.70	16.0	81.1	27.5	28.4	44.1		
1.28	26.4	71.93	12.7	47.6	39.7		
0	35.7	64.3	0	61.2	38.8		
12.8	0	87.2	68.5	0	31.5		
11.0	17.5	71.5	55.7	19.3	25.0	27.2	27.2
6.97	50.0	43.03	30.6	53.5	15.9		
6.20	55.3	38.5	28.2	57.0	14.8		
3.02	75.78	21.2	11.5	79.89	8.61		
0	90.66	9.34	0	96.16	3.84		
0	91.08	8.92	0	96.06	3.94	40.8	40.8
21.6	0	78.4	76.2	0	23.8		
21.4	15.1	63.5	66.3	13.3	20.4		
20.4	17.8	61.8	65.4	15.0	19.6		
17.8	37.6	44.6	52.1	33.2	14.7		
17.4	45.7	36.9	48.7	38.2	13.1	54.4	54.4
13.7	64.7	21.6	37.1	55.0	7.9		
11.3	76.8	11.9	28.6	66.7	4.7		
8.3	91.7	0	21.0	79.0	0		
30.0	0	70.0	78.8	0	21.2		
28.6	12.1	59.3	72.24	9.06	18.7	68.0	68.0
26.8	35.9	37.3	58.8	28.2	13.0		
25.5	45.4	29.1	53.4	35.7	10.9		
23.7	56.6	19.7	46.32	45.5	8.18		
20.7	79.3	0	32.5	67.5	0		
41.3	0	58.7	80.5	0	19.5	74.8	74.8
38.9	16.9	44.2	70.7	12.6	16.7		
38.5	22.5	39.0	68.0	16.4	15.6		
37.3	35.7	27.0	60.0	26.8	13.2		
34.9	50.5	14.6	48.26	43.1	8.64		
37.55	52.41	10.04	43.45	49.0	7.53	81.6	81.6
45.1	0	54.9	80.3	0	19.7		
43.65	4.09	52.26	77.46	3.06	19.48		
43.0	11.0	46.0	73.41	8.49	18.1		
43.8	19.2	37.0	69.2	14.3	16.5		
43.8	22.3	33.9	66.5	17.3	16.2	84.6	84.6
43.5	25.9	30.6	63.0	20.9	16.1		
44.0	37.6	18.4	50.4	35.1	14.5		
49.8	0	50.2	78.4	0	21.6		
49.97	3.75	46.28	75.58	3.02	21.4		
50.4	17.6	32.0	67.3	14.3	18.4	—17.8	6.8
50.8	24.3	24.0	58.4	21.9	19.7		
3.58	0	96.42	57.3	0	42.7		
3.35	1.74	94.91	55.89	3.36	40.75		

Таблица № 2016 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	этан	пропан	метан	этан	пропан		
2.79	12.84	84.37	40.0	24.6	35.4	-17.8	6.8
2.10	16.6	81.3	32.5	34.9	32.6		
1.07	27.2	71.73	15.9	53.4	30.7		
0	37.3	62.7	0	69.2	30.8		
9.04	0	90.96	76.8	0	23.2		
9.17	1.27	89.56	77.17	1.33	21.5	13.6	13.6
7.02	25.0	67.98	56.0	27.0	17.0		
4.57	48.43	47.0	35.9	51.9	12.2		
1.27	81.33	17.4	7.78	87.46	4.76		
0	90.13	9.87	0	97.17	2.83		
19.9	0	80.1	86.2	0	13.8	27.2	27.2
15.9	34.7	49.4	69.85	21.7	8.45		
15.57	52.93	31.5	60.03	34.3	5.67		
13.64	72.43	13.93	48.69	48.52	2.79		
12.3	87.7	0	41.0	59.0	0		
31.1	0	68.9	89.1	0	10.9	40.8	40.8
29.3	26.6	44.1	78.1	13.77	8.13		
28.8	34.3	36.9	75.14	18.4	6.46		
27.2	48.1	24.7	68.96	26.0	5.04		
27.1	62.04	10.86	61.38	36.1	2.52		
25.6	74.4	0	56.1	43.9	0	54.4	54.4
41.5	0	58.5	89.9	0	10.1		
39.1	18.8	42.1	82.39	9.39	8.22		
37.8	35.4	26.8	77.27	17.02	5.17		
38.0	41.8	20.2	73.18	22.4	4.42		
38.0	51.42	10.58	67.95	29.6	2.45	68.0	68.0
39.0	61.0	0	61.9	38.1	0		
52.2	0	47.8	89.5	0	10.5		
51.5	7.80	40.7	86.23	4.43	9.34		
51.2	18.7	30.1	81.74	10.27	7.99		
51.4	23.9	24.7	79.1	14.0	6.90	74.8	74.8
51.61	33.78	14.61	72.34	22.6	5.06		
52.58	44.67	2.75	63.57	34.9	1.53		
52.2	47.8	0	56.9	43.1	0		
58.2	0	41.8	88.8	0	11.2		
57.59	5.81	36.6	86.19	3.41	10.4	81.6	81.6
58.5	10.7	30.8	83.77	6.35	9.88		
58.4	15.7	25.9	82.37	9.28	8.35		
58.7	19.2	22.1	79.47	12.31	8.22		
58.2	22.8	19.0	77.07	15.4	7.53		
59.17	24.83	16.00	75.45	17.58	6.97	88.4	88.4
60.43	25.9	13.67	74.84	18.55	6.61		
60.4	27.3	12.3	71.42	21.77	6.81		
63.7	0	36.3	87.3	0	12.7		
64.56	8.74	26.7	82.18	6.25	11.57		
65.3	10.6	24.1	81.58	7.51	10.91	88.4	88.4
65.0	11.8	23.2	79.5	8.9	11.6		
69.3	16.1	14.6	72.1	14.4	13.5		
70.8	0	29.2	84.5	0	15.5		
71.03	2.97	26.0	82.94	2.46	14.6		

Таблица № 2016 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t, °C	P, атм
метан	этан	пропан	метан	этан	пропан		
73.15	3.45	23.4	80.86	3.22	15.92	—17.8	88.4
73.64	3.96	22.4	79.78	3.84	16.38		
7.69	0	92.34	84.0	0	16.0	—45.6	6.8
6.14	17.18	76.68	71.95	16.28	11.77		
4.86	30.2	64.94	60.5	29.2	10.3		
4.79	39.9	55.31	52.87	38.0	9.13		
4.67	44.8	50.53	49.52	42.5	7.98		
2.61	72.59	24.8	28.0	68.2	3.8		
0.6	99.4	0	6.6	93.4	0		
14.6	0	85.4	92.16	0	7.84		13.6
12.5	26.8	60.7	80.4	14.0	5.6		
12.5	36.8	50.7	74.78	20.6	4.62		
11.9	62.7	25.4	63.83	33.3	2.87		
9.68	90.32	0	50.5	49.5	0		
29.6	0	70.4	94.93	0	5.07		27.2
29.2	12.6	58.2	92.0	3.83	4.17		
27.1	28.9	44.0	87.91	9.07	3.02		
27.4	44.8	27.8	82.45	15.4	2.15		
27.0	51.2	21.8	80.84	17.42	1.74		
27.7	52.3	20.0	79.86	18.80	1.34		
27.8	57.1	15.1	79.01	19.4	1.59		
28.2	71.8	0	72.4	27.6	0		
43.8	0	56.2	95.85	0	4.15		40.8
44.0	14.5	41.5	91.79	4.85	3.36		
42.4	15.0	42.6	91.9	4.46	3.64		
44.3	24.3	31.4	89.52	7.9	2.58		
44.1	36.6	19.3	86.37	11.9	1.73		
43.8	56.2	0	80.0	20.0	0		
58.1	0	41.9	95.9	0	4.10		54.4
59.8	10.9	29.3	92.75	36.2	3.63		
61.1	24.9	14.0	89.01	8.86	2.13		
62.2	37.8	0	83.2	16.8	0		
73.6	0	26.4	94.58	0	5.42		68.0
76.09	6.51	17.4	92.16	3.31	4.53		
76.62	8.92	14.46	90.26	5.04	4.70		
77.49	12.61	9.90	88.38	7.58	4.04		
78.37	14.91	6.72	86.31	10.01	3.68		
83.32	13.18	3.50	83.63	12.88	3.49		
12.5	0	87.5	95.91	0	4.09	—73.3	6.8
11.8	14.4	73.8	91.86	4.72	3.42		
11.0	32.0	57.0	86.51	11.0	2.49		
11.0	58.0	31.0	79.16	19.4	1.44		
10.1	89.9	0	68.0	32.0	0		
22.2	0	77.8	97.92	0	2.08		13.6
23.5	12.1	64.4	96.15	2.28	1.57		
23.2	43.5	33.3	90.70	8.40	0.90		
23.6	48.3	28.1	89.26	9.83	0.91		
25.0	75.0	0	81.4	18.6	0		
47.7	0	52.3	98.55	0	1.45		27.2
49.2	17.5	33.3	96.3	2.66	1.04		

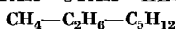
Таблица № 2016 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	этан	пропан	метан	этан	пропан		
49.6	24.2	26.2	95.62	3.64	0.74	-73.3	27.2
50.4	30.8	18.8	94.46	4.86	0.68		
51.91	38.6	9.49	93.21	6.30	0.49		
52.8	47.2	0	91.65	8.35	0		
74.4	0	25.6	98.52	0	1.48		
74.5	5.20	20.3	97.75	1.19	1.06	-101.1	40.8
76.47	16.12	7.41	95.83	3.66	0.51		
78.4	21.6	0	94.98	5.02	0		
23.8	0	76.2	99.32	0	0.68		
24.2	25.8	50.0	96.80	2.82	0.32		
24.0	27.5	48.5	96.53	3.08	0.39	-128.9	6.8
24.9	44.6	30.5	95.38	4.33	0.29		
25.2	67.62	7.18	92.99	6.82	0.19		
25.1	74.9	0	93.12	6.88	0		
50.2	0	49.8	99.55	0	0.45		
51.4	20.8	27.8	98.06	1.67	0.27	-128.9	13.6
52.8	31.9	15.3	97.42	2.34	0.24		
55.32	40.0	4.68	96.9	2.94	0.16		
56.1	43.9	0	97.0	3.0	0		
80.2	0	19.8	99.93	0	0.07		
80.75	7.35	11.9	99.62	0.21	0.07	-128.9	6.8
81.87	12.4	5.73	99.61	0.29	0.07		
83.3	16.7	0	99.65	0.35	0		

№ 2017

МЕТАН—ЭТАН—ПЕНТАН

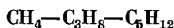
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Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	этан	пентан	метан	этан	пентан		
0.00	73.6	26.4	0.00	96.5	3.5	37.8	33.95
5.5	51.4	43.1	27.5	68.1	4.4		
9.47	32.7	57.83	51.7	43.1	5.2		
11.5	22.3	66.2	65.2	29.7	5.1		
15.4	2.84	81.76	90.4	3.77	5.83		
19.6	75.9	4.5	19.6	75.8	4.6	68.04	68.04
19.8	60.2	20.0	39.4	56.2	4.4		
21.4	51.5	27.1	48.3	47.3	4.4		
22.4	44.4	33.2	54.8	40.5	4.7		
23.7	30.6	36.7	59.6	36.0	4.4		
24.6	31.4	44.0	67.4	28.2	4.4	102.38	102.38
26.3	21.1	52.6	76.2	18.8	5.0		
41.2	29.1	29.7	68.9	24.4	6.7		
41.3	37.8	20.9	58.8	33.4	7.8		
42.0	15.2	42.8	81.4	12.5	6.1		
46.2	44.3	9.5	46.1	44.3	9.6	136.21	136.21
58.0	2.17	39.83	89.9	1.73	8.37		
58.7	11.6	29.7	80.1	9.81	10.09		
59.9	14.0	26.1	76.3	12.1	1.6		



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
метан	пропан	бутан	метан	пропан	бутан		
22.8	13.3	63.9	83.0	5.9	11.1	37.8	49.98
30.4	13.6	56.0	84.7	5.5	9.8		65.21
38.4	12.6	49.0	83.6	5.5	10.9		79.76
45.9	12.0	42.1	83.5	5.6	10.9		93.02
53.1	10.7	36.1	80.8	5.6	13.6		106.96
56.2	9.7	34.1	80.2	6.0	13.8		111.18
22.6	19.6	57.8	81.0	8.5	10.5		49.91
29.9	19.3	50.8	82.5	8.0	9.5		63.78
36.2	18.4	45.4	82.3	8.1	9.6		77.18
44.2	16.8	39.0	82.7	7.9	9.4		90.78
48.2	16.2	35.6	81.4	8.0	10.9		98.94
53.9	14.4	31.7	78.8	8.5	12.7		107.98
55.8	14.5	29.7	78.6	8.7	12.7		110.36
57.1	13.9	29.0	76.8	9.0	14.2		113.42
60.7	13.3	26.0	75.1	9.5	15.4		115.94
61.3	12.7	26.0	71.5	10.1	18.4		119.41
22.1	32.5	45.4	76.7	14.9	8.4		50.66
31.5	31.9	36.6	78.2	13.8	8.0		67.52
34.1	30.3	35.6	78.1	13.6	8.3		76.36
46.5	26.0	27.5	76.7	14.0	9.3		95.54
51.4	23.9	24.7	73.1	15.2	11.7		105.40
55.0	22.4	22.6	71.3	15.9	12.8		108.46
54.8	22.2	23.0	71.5	15.8	12.7	37.8	110.36
58.4	20.9	20.7	63.3	18.9	17.8		110.70
21.0	47.0	32.0	70.3	22.5	7.2		49.30
30.1	44.6	25.3	74.4	19.8	5.8		66.10
40.8	38.1	21.1	73.6	19.8	6.6		85.41
45.4	35.3	19.3	71.3	21.4	7.3		94.52
49.6	32.6	17.8	67.4	23.3	9.3		98.40



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
метан	пропан	пентан	метан	пропан	пентан		
13.6	74.3	12.1	60.7	37.4	1.9	37.8	34.0
13.9	44.6	41.5	75.5	21.8	2.7		
14.7	32.4	52.9	79.6	16.4	4.0		
15.6	10.5	73.9	89.5	5.4	5.1		
30.2	22.0	47.8	87.1	8.8	4.4		
30.6	58.9	10.5	71.6	26.2	2.3	37.8	68.0
31.1	54.8	14.1	72.3	25.7	2.0		
31.1	8.7	60.2	92.2	3.6	4.2		
44.6	6.8	48.6	91.8	3.0	5.2		
45.4	18.7	35.9	86.2	8.5	5.3		

Таблица № 2019 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	пропан	пентан	метан	пропан	пентан		
46.8	29.9	23.3	81.1	14.5	4.4	37.8	102.0
46.9	28.9	24.2	81.2	14.5	4.3		
47.0	30.1	22.9	86.8	14.8	4.4		
49.3	36.4	14.3	75.4	20.3	4.2	136.0	136.0
60.0	6.6	33.4	87.5	4.2	8.3		
60.9	9.6	29.5	85.6	5.7	8.7		
63.1	14.9	22.0	79.8	9.7	10.5		
66.8	15.1	18.1	66.9	15.1	18.0		
82.0	10.3	7.7	81.8	10.4	7.8		

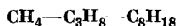
№ 2020

МЕТАН—ПРОПАН—ПЕНТАН

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Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
метан	пропан	пентан	метан	пропан	пентан		
7.5	69.3	23.2	35.2	59.5	5.3	71.0	33.95
9.8	52.2	39.0	48.5	43.9	7.6		
10.3	47.4	42.3	52.4	40.6	7.0		
10.7	42.1	47.2	56.3	35.0	8.7	68.04	68.04
11.6	25.9	62.5	66.1	23.8	10.1		
11.9	14.1	74.0	76.8	10.6	12.6		
12.1	17.5	70.4	73.6	15.2	11.2		
24.6	58.3	17.1	54.3	40.6	5.1		
24.7	39.9	35.4	67.8	24.9	7.3		
24.8	49.1	26.1	61.3	32.4	6.3		
26.1	12.4	61.5	84.0	6.8	9.2		
27.2	28.7	44.1	76.1	15.7	8.2		
40.1	18.1	41.8	70.8	10.5	9.7	102.38	102.38
41.4	32.1	26.5	67.9	22.3	9.8		
43.4	35.7	20.9	63.4	27.2	9.4	93.0	33.95
53.8	5.6	40.6	82.0	3.8	14.2		
54.0	14.0	32.0	77.0	7.6	15.4		
1.0	69.7	29.3	5.9	80.9	13.2		
4.3	57.0	38.7	17.0	66.6	16.4		
6.1	38.9	55.0	32.9	47.2	19.9		
6.2	37.7	56.1	34.5	45.1	20.4		
9.1	16.0	74.9	57.1	19.0	23.9		
19.7	51.6	28.7	39.7	46.3	14.0		
20.8	37.0	12.2	52.1	31.8	16.1		
21.4	30.6	48.0	56.6	26.4	17.0	102.38	102.38
22.3	19.2	58.5	66.9	15.5	17.6		
22.8	13.8	63.4	71.4	10.6	18.0		
38.8	22.8	38.4	59.8	19.4	20.8		
39.0	13.3	47.7	68.9	10.8	20.3		
42.2	26.2	31.6	54.2	23.9	21.9		



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
метан	пропан	октан	метан	пропан	октан		
35.50	7.70	56.80	97.70	1.50	0.80	20	70
43.42	6.98	49.60	97.60	1.50	0.90		100
49.30	6.45	44.25	97.40	1.50	1.10		125
55.50	5.88	38.62	97.08	1.51	1.41		150
61.50	5.32	33.18	96.74	1.52	1.74		175
67.50	4.60	27.90	95.96	1.64	2.40		200
72.80	4.15	23.05	94.68	1.72	3.60		225
81.21	3.48	15.31	90.80	2.00	7.20		250
87.30	2.54	10.16	87.30	2.54	10.16		257*
35.30	16.20	48.50	95.20	3.70	1.10		70
43.80	15.30	40.90	95.00	3.70	1.30		100
51.15	13.45	35.40	94.60	3.80	1.60		125
57.95	12.05	30.00	93.90	3.90	2.20		150
64.05	10.85	25.10	93.30	4.00	2.70		175
70.96	9.34	19.70	91.80	4.30	3.90		200
77.54	7.66	14.80	89.50	4.90	5.60		225
85.60	5.80	8.60	85.60	5.80	8.60		238*
35.10	27.20	37.70	91.30	7.30	1.40		70
44.20	25.00	30.80	90.85	7.25	1.90		100
51.30	23.10	25.60	90.50	7.20	2.30		125
58.90	20.40	20.70	89.50	7.50	3.00		150
67.00	16.80	16.20	88.00	8.20	3.80		175
75.00	13.36	11.64	85.60	9.20	5.20		200
82.60	10.40	7.00	82.60	10.40	7.00		212*
35.00	38.40	26.60	86.40	12.00	1.60		70
45.00	34.20	20.80	85.70	12.20	2.10		100
52.70	31.10	16.20	85.00	12.30	2.70		125
61.56	26.70	11.74	83.00	12.90	3.50		150
71.00	20.57	8.43	81.30	14.40	4.30		175
78.70	15.97	5.33	78.70	15.97	5.33		185*

Примечание. Звездочкой обозначены критические точки.



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
метан	бутан	декан	метан	бутан	декан		
11.4	0.0	88.6	99.8	0.0	0.20	71.1	27.2
10.9	17.8	71.3	94.8	5.0	0.19		
10.4	35.8	53.8	89.3	10.5	0.17		
9.9	54.1	36.0	82.7	17.1	0.13		
9.5	72.4	18.1	73.7	26.1	0.08		

Таблица № 2022 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	бутан	декан	метан	бутан	декан		
8.9	91.1	0.0	62.3	37.7	0.00	71.1	27.2
16.3	0.0	83.7	99.8	0.0	0.18		40.8
15.7	16.9	67.4	95.6	4.3	0.18		
15.3	33.9	50.8	91.0	8.9	0.17		
15.0	51.0	34.0	85.6	14.2	0.14		
14.8	68.2	17.0	79.1	20.8	0.09		
15.1	84.9	0.0	71.0	29.0	0.00		
20.8	0.0	79.2	99.8	0.0	0.18		52.4
20.2	16.0	63.8	96.0	3.8	0.18		
19.8	32.1	48.1	91.8	8.0	0.18		
19.7	48.2	32.1	87.2	12.7	0.17		
19.8	64.2	16.0	81.6	18.4	0.11		
21.2	78.8	0.0	74.6	25.4	0.00		
25.0	0.0	75.0	99.8	0.0	0.20		68.0
24.2	15.2	60.6	96.3	3.6	0.21		
23.8	30.5	45.7	92.3	7.5	0.21		
23.9	45.7	30.4	88.0	11.9	0.20		
24.7	60.2	15.1	82.9	17.2	0.16		
27.1	72.8	0.0	75.7	24.2	0.00		
29.8	0.0	70.2	99.8	0.0	0.23		85.0
29.2	14.2	56.6	96.4	3.3	0.24		
29.1	28.3	42.5	92.7	7.0	0.25		
29.6	42.3	28.2	88.6	11.1	0.26		
30.8	55.3	13.8	83.4	16.4	0.21		
34.8	65.2	0.0	75.9	24.1	0.00		
34.3	0.0	65.7	99.7	0.0	0.27		102.0
33.8	13.2	52.9	96.6	3.1	0.29		
33.9	26.4	39.7	93.0	6.6	0.31		
34.7	39.2	26.1	88.9	10.8	0.33		
36.8	50.6	12.6	83.4	16.3	0.30		
43.3	56.7	0.0	74.4	25.6	0.00		
38.4	0.0	61.6	99.7	0.0	0.31		119.1
38.1	12.4	49.5	96.7	3.0	0.35		
38.4	24.6	36.9	93.2	6.4	0.39		
39.7	36.2	24.1	88.9	10.6	0.47		
42.6	45.9	11.5	83.1	16.5	0.44		
54.2	45.8	0.0	68.3	31.7	0.00		
42.3	0.0	57.7	99.6	0.0	0.37		136.1
42.2	11.6	46.2	96.7	2.9	0.43		
42.8	22.9	34.3	93.3	6.2	0.50		
44.4	33.3	22.2	88.7	10.7	0.58		
48.5	41.2	10.3	82.6	16.7	0.63		
45.9	0.0	54.1	99.5	0.0	0.45		153.1
46.0	10.8	43.2	96.6	2.8	0.55		
46.9	21.2	31.9	93.1	6.2	0.66		
49.0	30.6	20.4	88.2	11.0	0.79		
54.2	36.6	9.2	81.7	17.4	0.94		
49.4	0.0	50.6	99.4	0.0	0.55		170.1
49.6	10.1	40.3	96.5	2.8	0.70		

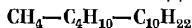
Таблица № 2022 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм	
метан	бутан	декан	метан	бутан	декан			
50.9	19.7	29.5	92.7	6.4	0.86	71.4	170.4	
53.4	28.0	18.5	87.4	11.5	1.09			
60.0	32.0	8.0	80.0	18.6	1.35			
52.7	0.0	47.3	99.3	0.0	0.68		187.4	
53.1	9.4	37.5	96.3	2.8	0.88			
54.6	18.2	27.2	92.3	6.6	1.14			
57.7	25.4	16.9	86.5	12.0	1.52			
67.9	25.7	6.4	74.9	23.1	1.95			
56.0	0.0	44.0	99.1	0.0	0.85			204.4
56.4	8.7	34.9	95.9	2.9	1.11			
58.3	16.7	25.0	91.7	6.7	1.56			
62.1	22.7	15.1	85.5	12.3	2.48			
59.1	0.0	40.9	98.9	0.0	1.07			224.4
59.6	8.1	32.3	95.5	3.1	1.42			
62.0	15.2	22.8	91.0	6.9	2.12			
66.6	20.0	13.4	84.2	12.6	3.28			
62.1	0.0	37.9	98.6	0.0	1.38			238.4
62.9	7.4	29.7	95.1	3.0	1.85			
65.6	13.8	20.6	90.0	7.1	2.87			
72.5	16.5	11.0	83.7	12.2	4.09			
65.0	0.0	35.0	98.3	0.0	1.74		255.1	
65.9	6.8	27.3	94.4	3.1	2.42			
69.6	12.2	18.3	89.1	7.1	3.84			
68.0	0.0	32.0	97.8	0.0	2.21			272.4
69.1	6.2	24.7	93.6	3.2	3.15			
73.8	10.5	15.7	87.9	7.0	5.17			
71.0	0.0	29.0	97.2	0.0	2.81			289.4
72.7	5.5	21.8	92.9	3.0	4.06			
78.2	8.7	13.1	86.2	6.9	6.92			
74.3	0.0	25.7	96.5	0.0	3.54			306.1
76.1	4.8	19.1	91.2	3.3	5.46			
77.9	0.0	22.1	95.4	0.0	4.59			323.4
81.4	3.7	14.9	89.6	3.1	7.30			
82.5	0.0	17.5	93.7	0.0	6.31			340.4

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Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	бутан	декан	метан	бутан	декан		
2.45	0.0	97.6	94.1	0.0	5.89	137.8	6.8
0.61	19.9	79.5	22.8	71.9	5.29		
4.95	0.0	95.0	96.6	0.0	3.35		13.6
3.12	19.5	77.4	59.1	37.9	3.02		
1.25	39.5	59.2	21.7	75.5	2.78		

Таблица № 2023 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	бутан	декан	метан	бутан	декан		
7.33	0.0	92.7	97.5	0.0	2.52	137.8	20.4
5.55	19.1	75.4	71.1	26.6	2.29		
3.65	38.6	57.7	42.8	55.0	2.14		
1.85	59.0	39.2	19.1	78.9	1.95		
9.74	0.0	90.3	98.0	0.0	2.00		
8.12	18.5	73.4	79.2	18.9	1.92	27.2	27.2
5.95	37.7	56.3	53.2	45.0	1.84		
4.45	57.3	38.2	34.9	63.4	1.72		
2.95	77.6	19.4	16.1	—	—		
12.00	0.0	88.0	98.3	0.0	1.69		
10.59	17.9	71.5	83.7	14.6	1.72	34.0	34.0
8.40	36.6	55.0	60.9	37.4	1.65		
6.85	55.9	37.2	43.3	53.1	1.60		
5.95	75.4	18.7	26.4	—	—		
14.20	0.0	85.8	98.4	0.0	1.58		
12.80	17.5	69.7	85.4	13.0	1.59	40.8	40.8
10.85	35.6	53.6	66.4	32.0	1.57		
9.25	55.4	36.3	49.3	49.1	1.55		
8.65	73.2	18.2	32.6	—	—		
18.5	0.0	81.5	98.6	0.0	1.38		
17.2	16.6	66.2	88.4	10.2	1.44	54.4	54.4
15.5	33.6	50.9	73.0	25.5	1.49		
14.0	51.6	34.4	57.3	41.2	1.50		
13.6	69.4	17.0	39.6	—	—		
22.6	0.0	77.4	98.7	0.0	1.30		
21.3	15.8	62.9	89.8	8.74	1.41	68.0	68.0
19.8	32.0	48.2	76.5	22.0	1.48		
18.8	48.4	32.8	62.5	36.0	1.55		
18.4	65.2	16.4	44.6	—	—		
27.4	0.0	72.6	98.7	0.0	1.26		
26.3	14.7	59.0	91.1	7.43	1.43	85.0	85.0
24.8	30.1	45.1	70.4	10.0	1.58		
24.4	45.4	30.2	66.2	32.1	1.71		
24.6	60.6	14.8	48.8	—	—		
31.9	0.0	68.1	98.7	0.0	1.30		
30.8	13.8	55.4	91.6	6.94	1.51	102.0	102.0
29.8	28.1	42.1	81.1	17.1	1.80		
29.9	42.0	28.1	68.9	29.1	1.98		
31.4	54.9	13.7	52.6	—	—		
36.2	0.0	63.8	98.6	0.0	1.40		
35.0	13.0	52.0	91.6	6.68	1.71	119.1	119.1
34.1	26.4	39.5	81.8	16.2	2.04		
34.8	39.1	26.1	70.2	27.5	2.31		
38.6	49.1	12.3	54.9	—	—		
40.3	0.0	59.7	98.4	0.0	1.55		
39.1	12.3	48.6	91.8	6.29	1.91	136.1	136.1
38.4	24.7	36.1	82.6	15.0	2.36		
39.9	36.1	24.0	71.2	26.0	2.78		
46.4	42.9	10.7	56.9	—	—		

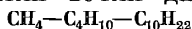
Таблица № 2023 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	бутан	декан	метан	бутан	декан		
44.1	0.0	55.9	98.2	0.0	1.81	137.8	153.1
43.0	11.5	45.5	91.9	5.9	2.20		
42.7	22.9	34.4	83.0	14.2	2.75		
45.2	32.9	21.9	72.2	24.4	3.44		
54.1	36.7	9.2	—	—	—		
47.8	0.0	52.2	97.9	0.0	2.13	170.1	170.1
46.8	10.6	42.6	91.9	5.55	2.55		
47.0	21.1	31.9	83.3	13.4	3.30		
50.8	29.5	19.7	72.5	23.0	4.50		
51.3	0.0	48.7	97.5	0.0	2.47		
50.5	9.92	39.6	91.7	5.3	2.99	187.1	187.1
51.1	19.6	29.3	83.0	13.1	3.93		
57.1	25.7	17.2	73.0	21.2	5.83		
54.8	0.0	45.2	97.2	0.0	2.85		
54.4	9.16	36.4	91.4	5.12	3.48		
55.7	17.7	26.6	83.0	12.4	4.62	204.1	204.1
64.5	21.4	14.1	73.2	19.2	7.64		
61.7	0.0	38.3	96.1	0.0	3.92		
62.9	7.46	29.6	89.8	—	—		
67.7	12.9	19.4	82.2	—	—		
69.1	0.0	30.9	94.3	0.0	5.70	272.1	272.1
73.6	5.28	21.1	87.4	—	—		

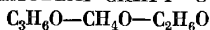
№ 2024

МЕТАН—БУТАН—ДЕКАН

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Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
метан	бутан	декан	метан	бутан	декан		
30.40	0.00	69.60	99.91	0.00	0.09	4.4	68.0
31.89	13.62	54.49	99.17	0.76	0.07		
33.14	26.74	40.12	98.60	1.34	0.06		
34.09	39.55	26.36	98.15	1.80	0.05		
35.20	51.84	12.96	97.78	2.17	0.05		
36.50	63.50	0.00	97.50	2.50	0.00	136.0	136.0
48.80	0.00	51.20	99.85	0.00	0.15		
50.80	9.84	39.36	98.60	1.27	0.13		
53.08	18.77	28.15	97.08	2.79	0.13		
55.99	26.41	17.60	94.74	5.09	0.17		
60.24	31.81	7.95	90.61	9.07	0.32	204.1	204.1
61.30	0.00	38.70	99.60	0.00	0.40		
63.56	7.29	29.15	97.95	1.68	0.37		
66.89	13.24	19.87	95.20	4.23	0.57		
72.80	16.32	10.88	89.22	9.39	1.39		
72.00	0.00	28.00	98.58	0.00	1.42	272.1	272.1
75.18	4.96	19.86	96.33	2.26	1.41		
79.90	8.04	12.06	91.63	5.25	3.12		



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	метиловый спирт	этиловый спирт	ацетон	метиловый спирт	этиловый спирт	ацетон	метиловый спирт	этиловый спирт		
1.1	85.0	13.9	3.4	88.2	8.4	2.2	0.997	1.02	65.6	760
1.3	58.3	40.4	3.5	68.0	28.5	1.8	0.981	1.03	69.0	
1.7	28.1	70.2	5.7	37.0	57.3	1.9	0.950	1.01	73.0	
1.7	33.0	65.3	4.8	43.4	51.8	1.7	0.980	1.01	72.3	
1.7	64.9	33.4	4.5	73.0	22.5	1.8	0.981	1.03	68.0	
1.7	70.3	28.0	4.5	77.0	18.5	1.8	0.983	1.04	67.3	
1.7	89.6	8.7	4.1	91.1	4.8	1.8	1.002	0.96	65.0	
1.8	22.0	76.2	5.2	31.3	63.5	1.6	0.990	0.991	74.0	
1.8	79.6	18.6	4.5	83.7	11.8	1.8	0.996	1.05	66.0	
1.9	4.6	93.5	6.0	7.0	87.0	1.6	0.97	1.00	78.5	
1.9	10.0	88.1	6.3	14.6	79.1	1.7	0.95	0.989	75.9	
1.9	53.5	44.6	4.5	64.5	31.0	1.6	1.00	1.00	69.3	
2.0	42.9	55.1	4.8	55.2	40.0	1.5	1.01	0.99	70.7	
2.0	69.0	29.0	5.7	75.8	18.5	2.0	0.991	1.01	67.2	
2.0	93.7	4.3	4.0	93.1	2.9	1.5	1.004	1.20	64.4	
2.1	48.5	49.4	5.3	59.1	35.6	1.6	0.99	1.02	69.8	
2.2	16.0	81.8	7.4	22.2	70.4	1.8	0.94	0.992	74.8	
2.2	38.0	59.8	5.3	48.9	45.8	1.5	0.99	1.01	71.3	
4.3	39.3	56.4	11.0	48.0	41.0	1.6	0.998	1.018	70.0	
4.9	4.5	90.6	15.5	6.9	77.6	1.7	1.04	0.986	74.8	
5.8	37.9	56.3	13.9	45.9	40.2	1.5	0.992	1.014	69.7	
5.8	73.6	20.6	13.0	74.9	12.1	1.7	1.003	1.02	65.0	
5.8	89.0	5.2	12.6	84.0	3.4	1.7	1.003	1.20	63.2	
5.9	64.2	29.0	13.5	68.2	18.3	1.6	0.997	1.01	66.2	
5.9	79.5	14.6	13.3	78.3	8.4	1.7	1.005	0.99	64.3	
6.0	16.8	77.2	15.7	23.3	61.0	1.5	1.03	1.002	72.4	
6.0	24.0	70.0	15.2	31.3	53.5	1.5	1.00	1.01	71.4	
6.0	53.1	40.9	14.3	58.5	27.2	1.6	0.977	1.03	67.7	
6.0	84.0	10.0	13.1	81.5	5.4	1.7	1.006	1.00	63.8	
6.1	58.1	35.8	14.1	63.6	22.3	1.6	0.999	1.01	66.9	
6.2	10.5	83.3	17.0	15.0	68.0	1.6	1.02	0.999	73.4	
6.2	30.3	63.5	15.5	37.5	47.0	1.6	0.98	1.017	70.5	
6.2	69.1	24.7	13.3	71.6	15.1	1.6	1.005	1.04	65.4	
6.4	47.0	46.0	15.2	53.6	31.2	1.6	0.985	1.01	68.3	
10.6	78.7	10.7	21.9	73.4	4.7	1.66	1.018	0.86	62.6	
10.7	73.5	15.8	22.1	69.9	8.0	1.63	1.014	0.95	63.1	
11.3	18.8	60.0	25.7	23.6	50.7	1.45	1.02	1.021	69.9	
11.3	56.2	32.5	23.5	57.2	19.3	1.55	1.001	1.03	65.1	
11.4	25.3	63.3	25.1	30.2	44.7	1.44	1.00	1.027	69.1	
11.5	83.8	4.7	22.0	76.1	4.9	1.58	1.024	0.80	61.8	
11.6	66.7	21.7	23.4	65.2	11.4	1.57	1.021	0.96	63.7	
11.8	5.1	83.1	28.0	8.3	63.7	1.44	1.20	1.012	71.4	
11.8	61.5	26.7	24.0	61.4	14.6	1.55	1.013	0.97	64.3	
12.2	31.7	56.1	26.9	35.6	37.5	1.50	0.99	1.024	67.9	
12.2	43.5	44.3	25.3	46.7	28.0	1.48	1.00	0.99	66.4	

Таблица № 2025 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	метило- вый спирт	этиловый спирт	ацетон	метило- вый спирт	этиловый спирт	ацетон	метило- вый спирт	этиловый спирт		
12.3	12.0	75.7	28.6	16.2	55.2	1.46	1.07	1.008	70.3	760
12.5	49.7	37.8	25.0	51.5	23.5	1.46	1.001	1.05	65.5	
12.7	40.4	46.9	26.0	44.0	30.0	1.45	1.00	0.99	66.6	
16.2	78.5	5.3	29.5	67.3	3.2	1.56	1.012	1.30	60.7	
17.1	65.4	17.5	31.5	59.8	8.7	1.51	1.022	0.98	62.0	
17.6	70.9	11.5	31.5	63.0	5.5	1.51	1.027	0.98	61.2	
18.2	53.1	28.7	33.5	50.8	15.7	1.46	1.025	1.03	63.0	
18.3	59.0	22.7	33.0	55.6	11.4	1.46	1.042	0.98	62.3	
18.5	6.3	75.2	38.9	8.6	52.5	1.39	1.14	1.032	68.8	
18.6	46.5	34.9	34.3	45.7	20.0	1.43	1.02	1.05	63.7	
19.0	20.1	60.9	37.8	22.9	39.3	1.39	1.04	1.028	67.0	
19.2	12.8	68.0	38.6	16.3	45.1	1.37	1.12	1.023	67.7	
19.2	40.1	40.7	35.7	39.8	24.5	1.42	1.01	1.07	64.3	
19.3	33.7	47.0	36.0	35.3	28.7	1.38	1.03	1.05	65.2	
19.9	26.8	53.3	37.3	29.5	33.2	1.36	1.05	1.04	65.9	
25.3	68.4	6.3	39.2	58.0	2.8	1.39	1.063	0.99	59.3	
25.5	56.3	18.2	40.8	50.5	8.7	1.38	1.066	1.01	60.5	
25.6	62.7	11.7	40.3	54.3	5.4	1.39	1.059	1.00	59.8	
26.3	40.4	24.3	41.8	45.7	12.5	1.35	1.078	1.06	61.0	
26.5	14.4	59.1	46.4	17.3	36.3	1.29	1.16	1.047	65.4	
26.5	21.7	51.8	45.4	23.6	31.0	1.30	1.10	1.053	64.4	
26.8	42.7	30.5	43.7	39.3	17.0	1.35	1.043	1.11	61.7	
26.9	5.4	67.7	48.6	7.5	42.9	1.29	1.30	1.028	66.3	
27.6	35.0	37.4	44.0	35.0	21.0	1.29	1.10	1.08	62.5	
28.3	27.9	43.8	46.1	29.8	24.1	1.29	1.14	1.03	63.2	
34.7	58.5	6.8	47.5	49.7	2.8	1.28	1.12	0.97	58.1	
35.2	51.8	13.0	48.6	45.7	5.7	1.27	1.13	1.00	58.7	
35.7	37.5	26.8	51.3	35.0	13.7	1.26	1.13	1.09	60.2	
35.7	44.9	19.4	50.1	40.6	9.3	1.26	1.13	1.06	59.4	
36.4	30.9	32.7	51.7	30.8	17.5	1.21	1.17	1.11	60.8	
36.8	15.7	47.5	55.2	18.3	26.5	1.21	1.27	1.07	62.6	
36.8	23.7	39.5	53.1	25.5	21.4	1.20	1.22	1.08	61.7	
37.9	7.4	54.7	56.9	9.3	33.8	1.18	1.33	1.15	63.3	
46.9	33.1	20.0	59.1	31.6	9.3	1.163	1.23	1.07	58.6	
47.1	45.7	7.2	56.0	39.8	3.3	1.160	1.20	1.13	57.1	
47.4	38.4	14.2	58.1	35.4	6.5	1.158	1.23	1.09	57.8	
47.5	25.3	27.2	60.5	26.0	13.5	1.143	1.28	1.10	59.3	
48.8	16.0	35.2	63.0	19.0	18.0	1.134	1.44	1.10	60.1	
49.1	7.4	43.5	65.2	9.5	25.3	1.119	1.48	1.18	61.2	
61.9	23.1	15.0	68.1	24.6	7.3	1.060	1.45	1.18	57.2	
62.2	15.8	22.0	70.8	18.2	11.0	1.066	1.52	1.18	58.1	
63.5	26.6	9.9	69.3	26.3	4.4	1.077	1.39	1.12	56.6	
63.8	7.5	28.7	73.9	9.7	16.4	1.054	1.65	1.29	58.9	
76.7	16.6	6.7	76.5	18.3	5.2	0.999	1.58	2.00	56.1	
76.8	8.2	15.0	81.5	10.3	8.2	1.024	1.73	1.34	57.2	
89.9	6.8	3.3	89.3	8.0	2.7	0.998	1.69	2.10	56.0	

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метиловый спирт	этиленгликоль	ацетон	метиловый спирт	этиленгликоль		
0.00	69.42	30.58	0.00	99.08	0.92	74.1	760
3.21	66.37	30.42	11.30	87.89	0.81	72.0	
5.09	64.83	30.08	16.83	82.33	0.84	71.1	
7.04	63.07	29.89	21.69	77.54	0.77	70.0	
9.52	59.84	30.64	27.01	72.27	0.72	69.1	
12.65	57.23	30.12	33.33	66.05	0.62	67.9	
15.36	54.43	30.21	39.17	60.19	0.64	66.8	
17.81	51.70	30.49	43.68	55.73	0.59	66.1	
20.99	49.25	29.76	48.86	50.61	0.53	65.5	
26.35	44.46	29.19	54.75	44.73	0.52	64.5	
28.93	40.05	31.02	58.74	40.70	0.47	63.9	
34.43	35.11	30.46	63.00	36.59	0.41	63.2	
39.61	30.10	30.29	68.03	33.56	0.41	62.5	
45.44	23.85	30.71	74.04	25.62	0.34	62.0	
50.11	19.37	30.52	77.91	21.79	0.30	61.6	
52.87	17.43	29.70	80.00	19.73	0.27	61.5	
55.96	13.83	30.21	82.47	17.24	0.29	61.2	
59.40	10.55	30.05	84.88	14.86	0.26	61.1	
62.86	6.20	30.94	89.55	10.13	0.32	61.8	
66.66	2.48	30.86	94.69	4.97	0.34	62.9	
0.00	49.80	50.20	0.00	98.80	1.20	81.9	
1.84	47.80	50.36	11.45	87.43	1.12	80.7	
3.74	45.38	50.88	20.82	78.04	1.14	79.9	
5.53	44.35	50.12	27.73	71.26	1.01	78.6	
8.19	41.33	50.48	36.62	62.46	0.92	77.2	
14.22	35.00	50.78	51.29	47.77	0.94	74.5	
16.67	32.31	51.02	56.20	42.88	0.92	73.6	
23.22	25.94	50.84	66.31	32.78	0.91	71.1	
28.14	21.84	50.02	72.14	27.01	0.85	69.7	
30.11	19.73	50.16	74.46	24.67	0.87	69.1	
32.58	17.16	50.26	77.41	21.73	0.86	68.7	
34.68	15.46	49.86	79.81	19.36	0.83	68.4	
36.50	13.08	50.42	82.24	16.97	0.79	68.0	
38.35	11.39	50.26	84.45	14.74	0.81	67.7	
40.19	8.87	50.94	87.14	12.10	0.76	67.4	
44.49	6.41	49.10	90.94	8.33	0.73	67.0	
45.34	3.81	50.85	93.90	5.34	0.76	66.7	
0.00	29.79	70.21	0.00	96.70	3.30	102.5	
1.24	28.27	70.49	17.28	79.45	3.27	101.0	
2.50	27.14	70.36	27.73	69.08	3.19	99.8	
3.50	25.53	70.97	35.31	61.71	2.98	98.6	
5.14	25.15	69.71	41.84	55.02	3.14	97.2	
6.79	23.23	69.98	48.36	48.64	3.00	95.8	
8.35	21.51	70.14	54.22	42.79	2.99	94.6	
10.51	19.40	70.09	60.84	36.18	2.98	93.0	
12.73	17.04	70.26	67.10	29.88	3.02	91.5	
14.20	15.65	70.15	70.18	26.85	2.97	90.5	

Таблица № 2026 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метиловый спирт	этиленгликоль	ацетон	метиловый спирт	этиленгликоль		
15.71	14.41	69.88	73.50	23.63	2.87	89.7	760
17.07	13.09	69.84	76.02	21.14	2.84	89.1	
17.68	11.85	70.47	77.89	19.36	2.75	88.6	
19.21	10.40	70.39	80.76	16.50	2.74	88.0	
21.11	8.47	70.42	83.89	13.38	2.73	87.2	
23.74	6.49	69.77	87.32	10.12	2.56	86.5	
24.18	4.81	71.01	89.88	7.61	2.51	85.9	
26.94	3.17	69.89	92.76	4.78	2.46	85.5	
27.44	2.32	70.24	94.11	3.50	2.39	85.3	
0.00	19.84	80.16	0.00	91.59	8.41	127.8	
0.87	18.79	80.34	20.51	71.13	8.36	126.6	
1.68	18.53	79.79	31.45	60.45	8.10	125.4	
2.63	17.20	80.17	39.61	53.13	7.26	123.6	
4.19	15.95	79.86	48.21	45.21	6.58	121.3	
4.87	14.57	80.56	52.41	40.91	6.68	120.0	
5.90	13.65	80.45	58.26	35.53	6.21	118.6	
7.18	12.51	80.31	63.32	30.89	5.79	116.7	
8.82	12.01	79.17	67.90	26.89	5.21	114.8	
10.77	8.62	80.61	76.41	18.77	4.82	111.4	
12.42	7.46	80.12	80.39	15.21	4.40	109.9	
13.31	6.45	80.24	83.11	12.54	4.35	109.1	
14.61	5.08	80.31	86.44	9.54	4.02	107.8	
16.69	4.12	79.19	88.89	7.17	3.94	106.8	
17.41	2.23	80.36	92.34	3.85	3.81	105.4	
18.15	1.36	80.49	94.05	2.33	3.62	104.8	

№ 2027 МЕТИЛОВЫЙ СПИРТ—МЕТИЛАЦЕТАТ—ЭТИЛАЦЕТАТ [382]
 $\text{CH}_4\text{O}-\text{C}_3\text{H}_6\text{O}_2-\text{C}_4\text{H}_8\text{O}_2$

Состав жидкости, вес. %			Состав пара, вес. %			t	P
метиловый спирт	метил-ацетат	этилацетат	метиловый спирт	метил-ацетат	этилацетат		
18.0	82.0	0.0	18.0	82.0	0.0	39.76	447.0
14.6	65.4	20.0	—	—	—		415.4
13.7	64.0	22.4	17.1	79.6	3.3		401.2
12.0	58.1	29.9	16.8	70.4	3.8		386.2
9.6	42.9	47.5	15.0	53.1	31.9		356.8
6.2	18.8	75.0	14.2	38.2	47.6		320.6



Состав жидкости, мол. %			Состав пара, мол. %			t	P
метил- овый спирт	метил- ацетат	этилацетат	метил- овый спирт	метил- ацетат	этилацетат		
0.0	100.0	0.0	0.0	100.0	0.0	40	400.4
10.0	90.0	0.0	15.1	84.9	0.0		428.6
0.0	90.0	10.0	0.0	93.2	6.8		387.6
20.0	80.0	0.0	24.5	75.5	0.0		442.1
10.0	80.0	10.0	14.7	79.2	6.1		411.5
0.0	80.0	20.0	0.0	86.6	13.4		374.2
30.0	70.0	0.0	30.9	69.1	0.0		446.5
20.0	70.0	10.0	24.9	69.1	6.0		424.1
10.0	70.0	20.0	15.2	72.6	12.2		398.3
0.0	70.0	30.0	0.0	80.2	19.8		360.0
40.0	60.0	0.0	35.4	64.6	0.0		444.8
30.0	60.0	10.0	31.4	62.6	6.0		429.1
20.0	60.0	20.0	25.2	63.0	11.8		409.2
10.0	60.0	30.0	15.5	66.3	18.2		382.3
0.0	60.0	40.0	0.0	73.8	26.2		344.8
50.0	50.0	0.0	39.1	60.9	0.0		439.9
40.0	50.0	10.0	36.4	57.2	6.4		425.7
30.0	50.0	20.0	32.2	55.7	12.1		410.6
20.0	50.0	30.0	25.9	56.4	17.7		391.6
10.0	50.0	40.0	15.9	59.7	24.4		366.3
0.0	50.0	50.0	0.0	67.3	32.7		328.3
60.0	40.0	0.0	42.6	57.4	0.0		431.1
50.0	40.0	10.0	40.7	52.2	7.1		417.9
40.0	40.0	20.0	37.8	49.4	12.8		405.1
30.0	40.0	30.0	33.5	48.3	18.2		391.6
20.0	40.0	40.0	26.9	49.4	23.7		372.8
10.0	40.0	50.0	16.7	52.0	30.4		346.8
0.0	40.0	60.0	0.0	60.3	39.7		309.9
70.0	30.0	0.0	46.7	53.3	0.0		416.4
60.0	30.0	10.0	45.0	46.8	8.2		404.8
50.0	30.0	20.0	42.9	42.8	14.3		393.8
40.0	30.0	30.0	39.9	40.6	19.5		382.8
30.0	30.0	40.0	35.4	40.1	24.5		369.8
20.0	30.0	50.0	28.6	41.4	30.0		352.0
10.0	30.0	60.0	17.9	44.9	37.2		326.3
0.0	30.0	70.0	0.0	52.2	47.8		288.7
80.0	20.0	0.0	53.0	47.0	0.0		390.5
70.0	20.0	10.0	50.5	39.5	10.0		383.3
60.0	20.0	20.0	48.4	34.8	16.8		375.3
50.0	20.0	30.0	46.0	32.0	22.0		368.1
40.0	20.0	40.0	42.9	30.5	26.6		358.0
30.0	20.0	50.0	38.3	30.3	31.4		345.8
20.0	20.0	60.0	31.2	31.6	37.2		328.8
10.0	20.0	70.0	19.7	35.1	45.2		302.6
0.0	20.0	80.0	0.0	41.9	58.1		263.3
90.0	10.0	0.0	65.2	34.8	0.0		341.2
80.0	10.0	10.0	58.9	27.9	13.2		351.1
70.0	10.0	20.0	56.2	22.6	21.2		345.7

Таблица № 2028 (продолжение)

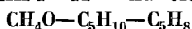
Состав жидкости, мол. %			Состав пара, мол.			t	P
метиловый спирт	метил-ацетат	этилацетат	метиловый спирт	метил-ацетат	этилацетат		
60.0	10.0	30.0	53.6	19.9	26.5	40	341.8
50.0	10.0	40.0	50.9	18.4	30.7		336.7
40.0	10.0	50.0	47.5	17.6	34.9		329.3
30.0	10.0	60.0	42.6	17.8	39.6		318.5
20.0	10.0	70.0	35.1	18.9	46.0		301.2
10.0	10.0	80.0	22.8	21.4	55.8		273.2
0.0	10.0	90.0	0.0	26.7	73.3		230.5
100.0	0.0	0.0	100.0	0.0	0.0		243.5
90.0	0.0	10.0	79.3	0.0	20.7		281.2
80.0	0.0	20.0	70.2	0.0	29.8		296.4
70.0	0.0	30.0	65.2	0.0	34.8		301.7
60.0	0.0	40.0	61.7	0.0	38.3		302.6
50.0	0.0	50.0	58.5	0.0	41.5		300.3
40.0	0.0	60.0	54.4	0.0	45.6		297.2
30.0	0.0	70.0	49.7	0.0	50.3		284.8
20.0	0.0	80.0	44.7	0.0	58.3		266.2
10.0	0.0	90.0	27.8	0.0	72.2		234.1
0.0	0.0	100.0	0.0	0.0	100.0		186.3

$$\lg \gamma_1 = 0.6981x_2^2 + 0.7677x_3^2 - 0.1932x_2^3 - 0.2600x_3^3 + 1.3064x_2x_3 - \\ - 0.6710x_2^2x_3 - 0.8868x_2x_3^2$$

$$\lg \gamma_2 = 0.4083x_1^2 + 0.0972x_3^2 + 0.1932x_1^3 + 0.1492x_3^3 + \\ + 0.1811x_1x_3 - 0.0912x_1^2x_3 + 0.1246x_1x_3^2$$

$$\lg \gamma_3 = 0.3777x_1^2 + 0.3199x_2^2 + 0.2000x_1^3 - 0.1491x_2^3 + \\ + 0.3357x_1x_2 - 0.1068x_1^2x_2 - 0.3227x_1x_2^2$$

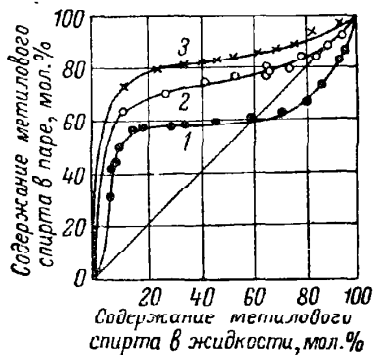
№ 2029 МЕТИЛОВЫЙ СПИРТ—ТРИМЕТИЛЭТИЛЕН—ИЗОПРЕН [189]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метиловый спирт	триметил-этилен	изопрен	метиловый спирт	триметил-этилен	изопрен	метиловый спирт	триметил-этилен	изопрен		
18.8	45.2	36.0	18.8	44.2	37.0	4.42	1.245	1.144	31.48	760
33.9	36.8	29.3	22.0	42.8	35.2	2.85	1.477	1.315		
52.4	26.4	21.2	20.9	43.9	35.2	1.730	2.09	1.790		
70.9	16.1	13.0	22.8	43.3	33.9	1.284	3.18	2.66		
98.6	0.7	0.7	82.3	10.1	7.6	1.082	7.02	5.02		
15.3	42.4	42.3	8.1	44.9	47.0	2.35	1.357	1.220		
31.3	34.3	34.4	18.6	39.4	42.0	2.57	1.441	1.318		
50.8	24.4	24.8	17.4	40.8	41.8	1.477	2.10	1.817		
67.2	16.2	16.6	21.1	39.2	39.7	1.295	2.94	2.49		
81.4	9.2	9.4	25.4	38.8	35.8	1.093	4.64	3.60		
81.4	9.2	9.4	24.9	38.5	36.6	1.413	4.62	3.70		



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метило- вый спирт	изопентан	изопрен	метило- вый спирт	изопентан	изопрен	метило- вый спирт	изопентан	изопрен		
26.1	54.9	19.0	7.8	72.0	20.2	1.835	1.488	1.480	24.83	760
60.5	29.1	10.4	10.3	72.2	17.5	1.025	2.72	2.35	25.00	
92.5	5.3	2.2	25.4	61.6	13.0	0.995	8.85	5.59	35.65	
14.1	40.5	45.4	6.6	51.1	42.3	2.69	1.340	1.238	26.17	
30.4	32.7	36.9	9.0	50.5	40.5	1.705	1.638	1.454	26.16	
41.0	27.5	31.5	8.7	51.2	40.1	1.214	1.961	1.670	26.36	
51.0	22.8	26.2	9.4	51.8	38.8	1.045	2.38	1.945	26.43	
60.3	18.0	21.7	10.5	51.5	38.0	0.978	2.98	2.17	26.72	
7.7	20.9	71.4	8.3	26.9	64.8	5.67	1.765	1.128	27.92	
23.4	17.3	59.3	9.4	27.1	63.5	2.11	1.560	1.350	27.98	
39.1	13.8	47.1	10.0	28.1	61.9	1.329	2.02	1.620	28.18	
57.8	9.5	32.7	11.6	28.6	59.8	1.018	2.92	2.21	28.69	
90.7	1.6	7.6	31.0	22.6	46.4	0.977	9.25	5.05	40.72	



$P=760$ мм

1 — 0 мол. % хлорбензола; 2 — 30 мол. % хлорбензола;
3 — 80 мол. % хлорбензола.



Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилловый спирт	бензол	цикло-гексан	метилловый спирт	бензол	цикло-гексан		
0	0	100	0	0.0	100.0	38.5	173
0	20	80	0	24.0	76.0		187
0	40	60	0	41.9	58.1		194
0	60	40	0	58.0	42.0		194
0	80	20	0	75.4	24.6		187
0	100	0	0	100.0	0.0		172
10	0	90	54.6	0.0	45.4		380
10	20	70	50.0	12.8	37.2		371
10	40	50	46.9	23.3	29.7		360
10	50	40	45.7	29.3	25.0		352
10	70	20	45.2	30.4	15.4		334
10	90	0	44.4	55.6	0.0		307
20	0	80	55.4	0.0	44.6		398
20	20	60	52.6	12.6	34.7		387
20	40	40	50.5	23.1	26.4		377
20	60	20	50.2	34.0	15.8		360
20	80	0	51.2	48.8	0.0		328
40	0	60	56.7	0.0	43.3		397
40	20	40	53.5	14.4	32.1		394
40	40	20	51.9	28.1	20.0		375
40	60	0	54.3	45.7	0.0		340
60	0	40	56.2	0.0	43.8		398
60	20	20	54.1	18.9	27.0		392
60	30	10	Не определялся				375
60	10	0	58.4	41.6	0.0		341
80	0	20	57.0	0.0	43.0		397
80	20	0	64.9	35.1	0.0		333
90	0	10	61.4	0.0	38.6		375
100	0	0	100.0	0.0	0.0		229
0	0	100	0	0.0	100.0	55.0	327
0	20	80	0	24.0	76.0		346
0	40	60	0	41.7	58.3		360
0	60	40	0	58.2	41.8		360
0	80	20	0	75.5	24.5		350
0	100	0	0	100.0	0.0		326
10	0	90	57.8	0.0	42.2		737
10	20	70	52.6	11.8	35.6		716
10	40	50	48.9	22.4	28.7		684
10	50	40	47.9	28.0	24.1		675
10	70	20	47.5	38.0	14.5		638
10	90	0	45.6	54.4	0.0		570
20	0	80	59.3	0.0	40.7		776
20	20	60	55.5	11.8	32.7		753
20	40	40	54.4	21.3	24.3		730
20	60	20	52.0	32.8	15.2		695
20	80	0	53.2	46.8	0.0		637

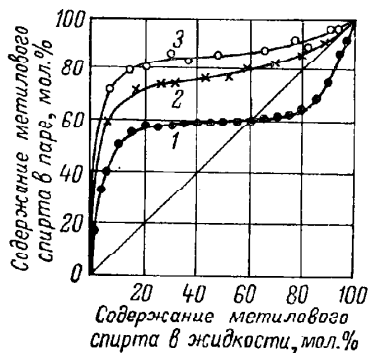
Таблица № 2032 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метиловый спирт	бензол	цикло-гексан	метиловый спирт	бензол	цикло-гексан		
40	0	60	61.0	0.0	39.0	55.0	780
40	20	40	55.2	13.9	30.8		763
40	40	20	55.7	25.9	18.4		730
40	60	0	57.5	42.5	0.0		670
60	0	40	60.8	0.0	39.2		781
60	20	20	25.3	17.7	57.0		755
60	30	10	Не определялся				729
60	40	0	60.8	39.2	0.0		675
80	0	20	61.3	0.0	38.7		776
80	20	0	67.1	32.9	0.0		664
90	0	10	65.6	0.0	34.4		740
100	0	0	100.0	0.0	0.0		471

№ 2033

МЕТИЛОВЫЙ СПИРТ—БЕНЗОЛ—o-КСИЛОЛ

[92]



P=760 мм

1 — 0 мол. % o-ксилола; 2 — 30 мол. % o-ксилола;
3 — 60 мол. % o-ксилола.

1

2

3

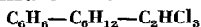


Состав жидкости, мол. %			Состав пара, мол. %			t	P
ГЕПТАН	МЕТИЛОВЫЙ СПИРТ	ТОЛУОЛ	ГЕПТАН	МЕТИЛОВЫЙ СПИРТ	ТОЛУОЛ		
6.84	84.86	8.30	15.17	78.15	6.68	60.77	760
15.10	77.33	7.57	19.69	75.63	4.68	59.96	
7.87	74.94	17.19	11.23	79.27	9.50	61.59	
34.12	54.09	11.79	20.48	75.20	4.32	59.97	
17.17	60.38	22.45	14.12	76.97	8.91	61.35	
9.11	61.14	29.75	9.11	78.04	12.25	62.51	
9.62	37.11	53.27	6.35	77.97	15.68	64.34	
25.33	31.72	42.95	13.26	74.58	12.16	62.96	

$$\lg \gamma_1 = \frac{1}{T} [105.1 (12x_1^2x_2 - 12x_1^3x_2) + 89.9 (12x_1x_2^2 - 18x_1^2x_2^2) + \\ + 108.2 (4x_2^3 - 12x_1x_2^3) + 76.35 (12x_1^2x_3 - 12x_1^3x_3) + \\ + 81.51 (12x_1x_3^2 - 18x_1^2x_3^2) + 81.08 (4x_3^3 - 12x_1x_3^3) - 127.32x_2^3x_3 - \\ - 303.26x_2^2x_3^2 - 175.94x_2x_3^3 + 105.32 (24x_1x_2x_3 - 36x_1^2x_2x_3) + \\ + 106.92 (12x_2^2x_3 - 36x_1x_2^2x_3) + 87.96 (12x_2x_3^2 - 36x_1x_2x_3^2)]$$

$$\lg \gamma_2 = \frac{1}{T} [105.1 (4x_1^3 - 12x_1^3x_2) + 89.9 (12x_1^2x_2 - 18x_1^2x_2^2) + \\ + 108.2 (12x_1x_2^2 - 12x_1x_2^3) - 916.2x_1^3x_3 - 1467.18x_1^2x_3^2 - 972.96x_1x_3^3 + \\ + 10.61 (12x_2^2x_3 - 12x_2^3x_3) + 16.85 (12x_2x_3^2 - 18x_2^2x_3^2) + \\ + 14.66 (4x_3^3 - 12x_2x_3^3) + 105.32 (12x_1^2x_3 - 36x_1^2x_2x_3) + \\ + 106.92 (24x_1x_2x_3 - 36x_1x_2^2x_3) + 87.96 (12x_1x_3^2 - 36x_1x_2x_3^2)]$$

$$\lg \gamma_3 = \frac{1}{T} [-1261.2x_1^3x_2 - 1618.2x_1^2x_2^2 - 1298.4x_1x_2^3 + \\ + 76.35 (4x_1^3 - 12x_1^3x_3) + 81.51 (12x_1^2x_3 - 18x_1^2x_3^2) + \\ + 81.08 (12x_1x_3^2 - 12x_1x_3^3) + 10.61 (4x_3^3 - 12x_3^3x_3) + \\ + 16.85 (12x_2^2x_3 - 18x_2^2x_3^2) + 14.66 (12x_2x_3^2 - 12x_2x_3^3) + \\ + 105.32 (12x_1^2x_2 - 36x_1^2x_2x_3) + 106.92 (12x_1x_2^2 - 36x_1x_2^2x_3) + \\ + 87.96 (24x_1x_2x_3 - 36x_1x_2^2x_3)]$$



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	цикло- гексан	трихлор- этилен	бензол	цикло- гексан	трихлор- этилен	бензол	цикло- гексан	трихлор- этилен		
4.60	84.40	11.00	6.30	82.30	11.40	1.356	0.992	1.213	80.4	760
8.90	79.80	11.30	10.90	79.00	10.10	1.230	1.014	1.429	79.9	
13.75	75.55	13.70	16.50	73.90	9.60	1.209	1.015	1.123	79.9	
16.90	72.70	10.40	21.50	69.60	8.90	1.299	0.995	1.081	79.4	
23.20	67.05	9.75	26.50	64.75	8.75	1.180	1.013	1.148	79.0	
29.25	61.85	8.90	31.90	60.35	7.75	1.160	1.028	1.118	78.9	
36.80	53.50	9.70	39.00	54.70	6.30	1.115	1.059	1.039	78.5	
44.70	48.55	6.75	45.60	49.10	5.30	1.072	1.078	1.021	78.5	
51.80	42.00	6.20	52.70	42.50	4.80	1.054	1.023	1.009	78.5	
50.35	39.90	9.75	51.00	41.50	7.50	1.054	1.098	0.991	78.8	
47.00	37.50	15.50	48.20	39.70	12.10	1.057	1.110	0.989	79.1	
41.10	30.20	28.70	42.25	36.00	24.75	1.021	1.209	0.930	80.3	
86.60	27.80	35.60	37.80	34.60	27.60	1.006	1.243	0.932	80.9	
29.30	23.15	47.55	32.50	29.50	38.00	1.047	1.237	0.933	81.9	
27.75	20.65	51.60	31.75	36.75	31.50	1.066	1.239	0.923	82.4	
25.80	25.95	48.25	29.50	32.80	37.70	1.081	1.226	0.912	81.9	
24.75	29.95	45.30	27.60	37.00	35.40	1.061	1.205	0.917	81.7	
23.75	34.00	42.25	26.25	41.40	32.35	1.062	1.198	0.907	81.4	
6.80	7.30	85.90	8.90	13.20	77.90	1.098	1.502	0.940	85.9	
13.80	6.95	80.25	14.80	11.00	74.20	0.919	1.397	0.985	85.2	
20.80	6.00	73.20	23.30	9.70	67.00	0.974	1.453	0.978	84.7	
39.25	4.35	56.40	44.80	6.70	48.50	1.016	1.415	0.942	83.9	
35.75	14.50	49.75	39.80	18.80	41.40	1.026	1.321	0.927	82.7	
34.20	19.50	46.30	27.25	25.45	47.30	1.026	1.261	0.934	82.0	
7.10	39.15	53.75	7.40	46.20	46.40	0.975	1.197	1.000	82.2	
10.20	39.00	50.80	13.00	43.40	43.60	1.204	1.076	1.000	82.0	
18.25	34.15	47.60	20.30	40.10	39.60	1.055	1.142	0.970	81.8	
25.20	30.80	44.00	27.30	37.10	35.60	1.038	1.181	0.955	81.5	
24.25	34.25	41.50	26.10	40.20	33.70	1.040	1.159	0.967	81.2	
19.60	57.20	23.20	22.20	47.60	30.20	1.102	1.106	0.964	81.0	
24.50	42.75	32.75	26.40	47.60	26.00	1.063	1.114	0.967	80.5	
31.30	38.40	30.30	33.30	42.90	23.80	1.054	1.130	0.961	80.4	
29.25	42.45	28.30	31.30	46.80	21.90	1.062	1.109	0.950	80.3	
85.30	5.00	9.70	85.00	6.75	8.25	0.993	1.366	1.053	80.2	
82.15	8.65	9.20	80.80	13.80	5.40	0.986	1.403	1.010	80.0	
76.60	14.70	8.70	75.00	18.30	6.70	0.999	1.298	0.971	79.4	
71.80	20.35	7.85	70.10	23.90	6.00	1.007	1.246	0.973	79.1	
65.60	26.80	7.60	64.25	29.95	5.80	1.015	1.179	0.980	78.9	
78.75	16.55	4.70	75.40	20.80	3.80	0.990	1.321	1.035	79.0	
83.20	13.00	3.80	79.30	17.60	3.10	0.983	1.419	1.041	79.1	
77.30	12.20	10.50	75.80	16.00	8.20	0.991	1.349	0.975	79.7	
47.00	50.20	2.80	48.00	50.50	1.50	1.087	1.077	1.107	77.8	
46.20	49.90	3.90	46.90	50.10	3.00	1.083	1.085	1.016	78.0	
44.60	47.55	7.85	45.40	48.50	6.10	1.069	1.086	1.101	78.5	
2.40	50.35	47.25	3.70	55.60	40.70	1.040	1.084	1.019	81.4	

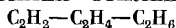
Таблица № 2035 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P, ата
бензол	цикло-гексан	трихлор-этилен	бензол	цикло-гексан	трихлор-этилен	бензол	цикло-гексан	трихлор-этилен		
4.40	49.40	46.20	5.40	54.80	30.80	1.170	1.083	1.013	81.6	760
6.30	46.90	46.80	8.30	53.00	38.70	1.252	1.080	0.994	81.7	
46.80	3.00	50.20	52.90	4.00	43.10	1.028	1.246	0.962	83.2	
45.00	5.40	49.90	54.00	7.20	44.80	1.034	1.318	0.944	83.4	
41.40	9.30	49.30	46.40	11.90	41.70	1.010	1.213	0.965	82.7	
50.00	8.20	41.80	54.90	10.90	34.20	1.027	1.276	0.942	82.3	
58.80	5.80	35.40	62.60	8.30	29.10	1.001	1.380	0.953	82.1	

№ 2036

АЦЕТИЛЕН—ЭТИЛЕН—ЭТАН

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Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
ацетилен	этилен	этан	ацетилен	этилен	этан		
0.0	25.0	75.0	0.0	30.6	69.4	4.4	31.6
0.4	24.4	75.2	0.6	29.9	69.5		
5.4	15.6	79.0	8.3	18.6	73.1		
13.2	1.6	85.2	20.0	1.6	78.4	35.0	35.0
14.1	0.0	85.9	21.1	0.0	76.9		
0.0	41.9	58.1	0.0	48.9	51.1		
3.7	36.7	59.6	5.3	41.9	52.8		
42.0	24.8	63.2	15.8	27.9	56.3		
19.0	14.9	66.1	24.2	16.8	59.0		
28.4	1.5	70.1	35.6	1.6	62.8		
29.4	0.0	70.6	36.8	0.0	63.2	38.4	38.4
82.0	0.0	18.0	75.7	0.0	24.3		
82.3	1.0	16.7	76.0	1.0	23.0		
84.0	7.5	8.5	77.9	11.3	10.8		
85.6	13.0	1.4	79.5	18.9	1.6		
85.9	14.1	0.0	79.9	20.1	0.0		
0.0	59.0	40.1	0.0	66.0	34.0		
4.2	53.5	42.3	5.0	58.6	36.4		
15.4	36.2	48.4	18.5	39.0	42.5		
25.4	25.0	49.6	28.4	27.6	44.0		
38.1	10.0	45.3	39.8	18.1	42.1		
39.4	15.8	44.8	40.6	17.5	41.9		
44.8	13.0	42.2	45.6	13.8	40.6		
40.3	11.9	38.8	49.3	11.9	38.8		
55.5	11.8	32.7	54.0	12.7	33.3		
62.6	13.4	24.0	58.9	15.0	26.1		
64.0	14.0	22.0	59.2	15.8	25.0		
65.5	15.9	18.6	60.8	19.2	20.0		
65.6	16.2	18.2	60.9	19.3	19.8		

Таблица № 2036 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
ацетилен	этилен	этан	ацетилен	этилен	этан		
70.9	27.5	1.6	65.0	33.3	1.7	4.4	38.4
71.0	27.7	1.3	65.1	33.5	1.4		
71.3	28.7	0.0	65.4	34.6	0.0		
0.0	78.4	21.6	0.0	82.0	18.0		
0.5	77.8	21.7	1.0	80.1	18.9		
7.7	67.8	24.5	9.1	69.0	21.9		
12.4	62.5	25.1	14.2	63.2	22.6		
28.2	50.8	21.0	28.5	51.8	19.7		
30.0	49.7	20.3	29.9	50.8	19.3		
31.4	48.9	19.7	31.1	49.9	19.0		
36.5	46.5	17.0	36.5	46.5	17.0		
42.3	44.5	13.2	40.5	46.5	13.0		
49.8	46.0	4.2	46.0	49.6	4.4		
52.5	47.5	0.0	48.1	51.9	0.0		
0.9	99.1	0.0	1.3	98.7	0.0	45.2	45.2
2.1	95.3	2.6	2.6	95.1	2.3		
2.9	92.6	4.5	3.4	92.6	4.0		
10.3	82.9	6.8	10.4	83.4	6.2		
19.0	75.9	5.1	19.0	75.9	5.1		
22.3	74.6	3.1	21.6	75.3	3.1		
23.0	74.7	2.3	22.3	75.5	2.2		
24.0	75.1	0.0	23.7	76.3	0.0		
0.0	30.6	69.4	0.0	35.9	64.1		
2.2	26.4	71.4	3.6	29.7	66.7		
4.2	22.8	73.0	6.1	25.4	68.5		
5.0	21.2	73.8	7.1	23.7	69.2		
5.1	20.9	74.0	7.5	22.8	69.7		
6.2	18.9	74.9	8.6	20.9	70.5		
7.0	17.4	75.6	9.5	19.5	71.0		
10.9	10.2	78.9	13.7	12.2	74.1	15.6	41.8
10.9	10.2	78.9	14.0	11.6	74.4		
14.7	3.3	82.0	18.6	3.4	78.0		
15.7	1.1	83.2	19.8	1.3	78.9		
16.2	0.0	83.8	20.5	0.0	79.5		
0.0	44.5	55.5	0.0	49.7	50.3		
6.6	35.1	58.3	8.0	38.7	53.3		
6.7	35.0	58.3	8.5	37.6	53.9		
12.7	26.3	61.0	14.1	29.7	56.2		
21.5	13.3	65.2	24.0	15.7	60.3		
28.1	3.5	68.4	32.4	3.6	64.0		
30.4	0.0	69.6	35.0	0.0	65.0		
85.3	14.7	0.0	80.7	19.3	0.0		
85.0	13.7	1.3	80.4	18.2	1.4		
82.8	6.2	11.0	78.5	7.9	13.6		
81.5	1.9	16.6	77.3	2.1	20.6		
81.0	0.0	19.0	77.0	0.0	23.0	48.6	48.6
0.0	60.0	40.0	0.0	63.5	36.5		
1.2	58.3	40.5	1.5	61.2	37.3		
7.6	49.4	43.0	8.7	51.1	40.2		

Таблица № 2036 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
ацетилен	этилен	этан	ацетилен	этилен	этан		
11.0	44.5	44.5	12.2	46.0	41.8	15.6	48.6
12.3	42.7	45.0	13.3	44.4	42.3		
17.7	35.2	47.1	19.0	36.3	44.7		
25.8	26.2	48.0	27.8	26.8	45.4		
29.3	23.4	47.3	30.4	24.6	45.0		
32.8	21.2	46.0	35.6	21.0	43.4		
47.4	15.6	37.0	47.4	15.6	37.0		
62.0	16.5	21.5	59.4	18.2	22.4		
64.2	17.3	18.5	60.9	19.0	20.1		
66.5	18.1	15.4	63.1	20.3	16.6		
69.8	19.9	10.3	66.0	22.5	11.5	52.0	52.0
72.3	21.4	6.3	68.4	24.7	6.9		
76.0	24.0	0.0	72.0	28.0	0.0		
16.2	57.0	26.8	16.2	57.0	26.8		
21.0	50.4	28.6	21.4	50.8	27.8		
39.3	36.2	24.5	39.3	36.2	24.5		
47.1	37.8	15.1	45.5	39.1	15.4		
56.1	41.5	2.4	63.0	44.5	2.5		
57.7	42.3	0.0	54.4	45.6	0.0		
27.0	30.0	43.0	27.5	43.5	29.0		

№ 2037

АЦЕТИЛЕН—ЭТИЛЕН—ЭТАН

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Состав жидкости, мол. %			Состав пара, мол. %			t	P, атм
ацетилен	этилен	этан	ацетилен	этилен	этан		
5.1	11.0	83.9	11.0	15.7	73.3	-37.2	10.2
18.4	18.7	62.9	24.3	22.4	53.3		11.9
14.2	22.8	63.0	20.6	28.3	51.1		11.9
6.1	62.3	31.6	8.4	68.2	23.4		13.6
18.7	48.3	33.0	20.2	53.8	26.0		13.6
8.4	81.2	10.4	8.4	83.6	8.0	-17.8	15.0
3.8	23.6	72.6	7.6	29.1	63.3		19.0
14.3	6.2	79.5	22.0	9.6	68.4		19.1
2.5	53.8	43.7	3.4	61.9	34.7		21.8
5.6	48.0	46.4	7.7	54.9	37.4		21.8
8.5	40.6	50.9	12.0	48.5	39.5	4.4	21.8
17.5	31.3	51.2	21.4	35.4	43.2		21.8
6.0	73.6	20.4	6.5	77.8	15.7		24.5
16.7	61.9	21.4	16.7	65.4	17.9		24.5
3.1	22.8	74.1	4.6	27.7	67.7		31.6
7.4	15.9	76.7	11.3	18.9	69.8		31.6



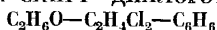
Содержание ацетонитрила в жидкости, мол. %	Содержание изопрена в углеводородной части, мол. %		<i>t</i>	<i>P</i>
	в жидкости	в паре		
14.4	25.2	26.3	35.44	760
30.2		23.9	35.9	
45.2		23.0	36.3	
57.5		20.9	37.02	
75.0		19.4	39.04	
89.0		18.2	49.0	
14.9	50.7	50.7	34.9	
30.0		48.0	35.46	
44.9		47.1	36.2	
59.5		44.7	37.29	
75.0		42.1	40.18	
90.0		39.4	50.6	
14.4	76.0	76.2	34.42	
29.2		74.0	35.12	
44.8		72.9	36.13	
59.0		70.7	37.51	
74.5		69.0	41.0	
89.7		67.3	51.55	



Содержание ацетонитрила в жидкости, мол. %	Содержание изопрена в углеводородной части, мол. %		<i>t</i>	<i>P</i>
	в жидкости	в паре		
15.7	24.2	19.0	26.68	760
30.6		18.1	26.60	
46.5		16.5	26.40	
61.3		14.8	26.25	
74.0		12.0	26.01	
88.5		9.1	32.70	
15.0	48.0	40.8	28.40	
29.9		36.5	28.39	
45.1		33.5	28.30	
59.5		31.6	28.10	
73.7		26.0	28.40	
89.8		22.8	37.80	
14.8	76.5	64.4	30.67	
29.2		61.7	31.14	
44.6		58.6	31.50	
58.5		55.6	32.04	
71.2		51.4	33.76	
89.0		46.8	45.01	



Содержание ацетонитрила в жидкости, мол. %	Содержание триметилэтилена в углеводородной части, мол. %		<i>t</i>	<i>P</i>
	в жидкости	в паре		
15.0	50.0	40.0	29.86	760
29.7		38.2	29.85	
44.9		37.2	29.77	
59.7		35.6	29.65	
74.4		33.3	29.25	
89.8		31.8	35.70	



Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
этиловый спирт	дихлор- этан	бензол	этиловый спирт	дихлор- этан	бензол		
0.0	14.4	85.6	0.0	11.2	88.8	40	180.5
7.1	13.7	79.2	24.9	9.0	66.1		227.1
12.3	12.3	75.4	29.8	8.2	62.0		236.7
20.0	11.3	68.7	32.9	8.4	58.7		242.9
28.2	10.6	61.2	35.3	7.5	57.2		245.4
35.2	9.5	55.3	36.7	7.3	56.0		246.7
41.8	8.2	50.0	37.8	7.2	55.0		246.6
45.7	7.9	46.4	38.5	6.9	54.6		245.5
53.0	7.0	40.0	39.8	6.8	53.4		243.7
60.0	5.9	34.1	41.8	6.5	51.7		241.2
68.8	5.0	26.2	44.8	6.4	48.8		233.7
76.4	4.6	19.0	49.1	5.9	45.0		223.4
83.8	3.2	13.0	55.3	5.2	39.5		206.0
90.5	2.1	7.4	66.0	4.5	29.5		185.2
94.5	1.0	4.5	76.7	3.1	20.2		164.3
0.0	30.1	69.9	0.0	25.0	75.0		176.6
6.4	28.5	65.1	24.4	19.5	56.1		221.3
12.1	26.8	61.1	30.0	17.6	52.4		232.0
19.4	24.5	56.1	33.3	16.8	49.9		237.2
26.3	22.2	51.5	35.2	16.3	48.5		239.9
33.0	20.4	46.6	36.7	15.9	47.4		241.1
37.8	18.7	43.5	37.6	15.6	46.8		241.0
43.0	16.9	40.1	38.8	15.3	45.9		240.5
50.0	15.2	34.8	40.4	15.0	44.6		239.0

Таблица № 2041 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	Г
этиловый спирт	дихлорэтан	бензол	этиловый спирт	дихлорэтан	бензол		
54.8	13.8	31.4	41.4	14.7	43.9	40	238.0
62.1	11.9	26.0	43.0	14.4	42.6		233.7
68.8	9.6	21.6	45.4	13.9	40.7		229.1
76.8	7.4	15.8	50.4	12.2	37.4		218.2
84.1	6.9	9.0	56.4	11.1	32.5		202.6
91.0	3.5	5.5	67.5	8.1	24.4		179.7
96.0	1.8	2.2	80.6	5.6	13.8		158.4
0.0	50.1	49.9	0.0	45.5	54.5		171.3
7.3	46.9	45.8	25.8	34.0	40.2		215.9
10.7	45.0	44.3	—	—	—		225.3
20.9	40.1	39.0	34.4	30.2	35.4		232.4
25.2	38.4	36.4	34.8	30.4	34.8		233.4
30.1	34.7	35.2	35.9	28.5	35.6		234.2
38.3	30.8	30.9	37.5	27.7	34.8		235.3
47.8	26.1	26.1	39.7	27.3	33.0		234.3
58.3	21.0	20.7	41.8	26.4	31.9		230.4
73.6	13.4	13.0	48.1	23.6	28.3		218.3
85.3	7.7	7.0	58.5	19.1	22.4		195.6
92.5	4.1	3.4	72.8	12.4	14.8		169.5
0.0	72.3	27.7	0.0	68.0	32.0		165.0
3.8	69.6	26.6	21.7	53.2	25.1		198.7
8.4	66.5	25.1	27.7	49.2	23.1		211.0
14.3	62.6	23.1	31.8	46.3	21.9		220.3
20.8	57.5	21.7	34.9	44.4	20.7		225.3
28.1	51.9	20.0	36.3	43.3	20.4		227.1
34.9	47.1	18.0	38.3	41.6	20.1		228.1
40.0	43.3	16.7	39.5	41.1	19.4		228.1
45.9	39.2	14.9	40.6	40.4	19.0		228.0
54.7	32.8	12.5	42.6	39.3	18.1		226.0
65.4	25.1	9.5	46.1	36.6	17.3		220.3
73.7	19.5	6.8	49.7	34.5	15.8		213.0
79.6	14.9	5.5	53.9	32.0	14.1		203.3
87.1	9.4	3.5	62.4	25.5	12.1		187.7
92.3	5.9	1.8	74.4	17.6	8.0		168.1
0.0	86.0	14.0	0.0	83.5	16.5		161.1
8.2	78.3	13.5	27.8	60.5	11.7		207.5
13.9	75.1	11.0	32.2	57.3	10.5		215.9
24.1	65.8	10.1	35.6	53.8	10.6		221.4
32.3	59.0	8.7	38.4	51.8	9.8		223.6
38.6	52.4	9.0	39.7	50.2	10.1		223.9
44.4	47.8	7.8	40.8	49.2	10.0		223.6
51.5	41.6	6.9	42.6	47.8	9.6		222.1
60.3	33.9	5.8	45.1	46.0	8.9		219.6
72.0	24.0	4.0	50.5	41.4	8.1		210.0
84.5	13.0	2.5	60.8	32.8	6.4	50	188.8
0.0	14.1	85.9	0.0	11.3	88.7		266.6

Таблица № 2041 (продолжение)

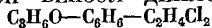
Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	дихлор-этан	бензол	этиловый спирт	дихлор-этан	бензол		
7.3	13.5	79.2	26.4	8.6	65.0	50	340.4
13.7	12.1	74.2	32.6	8.4	59.0		360.6
21.1	11.1	67.8	35.6	8.0	56.4		370.8
28.4	10.4	61.2	37.6	7.2	55.2		374.1
35.7	9.3	55.0	39.2	6.8	54.0		375.9
41.3	8.3	50.4	40.1	6.8	53.1		376.6
45.6	7.7	46.7	41.1	6.7	52.2		375.9
52.4	7.1	40.5	42.3	6.6	51.1		374.4
58.3	6.0	35.7	44.2	6.6	49.2		370.5
66.5	4.8	28.7	47.0	6.1	46.9		362.9
74.1	4.4	21.5	50.9	5.8	43.3		350.0
82.0	3.5	14.5	57.4	5.1	37.5		327.4
88.7	2.3	9.0	66.8	4.0	29.2		299.2
93.5	1.5	5.0	76.7	3.1	20.2		270.5
0.0	30.2	69.8	0.0	25.1	74.9		261.4
6.5	28.5	65.0	25.1	19.4	55.5		330.2
11.8	26.6	61.6	32.1	17.1	50.8		349.2
19.8	24.0	56.2	35.5	16.3	48.2		361.0
27.1	21.9	51.0	38.0	15.5	46.5		366.4
34.5	19.5	46.0	39.6	14.5	45.9		369.2
38.6	18.3	43.1	40.5	14.5	45.0		369.3
42.3	16.6	41.1	41.4	14.5	44.1		369.8
48.4	15.5	36.1	42.5	14.5	43.0		368.5
53.9	14.0	32.1	43.8	14.0	42.2		366.6
60.1	12.1	27.8	45.4	13.9	40.7		362.9
67.1	10.1	22.8	47.7	13.3	39.0		356.8
74.6	8.0	17.4	52.0	11.9	36.1		344.0
82.5	6.3	11.2	57.9	10.8	31.3		323.8
89.6	3.8	6.6	68.0	8.0	24.0		292.6
94.9	2.0	3.1	80.6	5.6	13.8		259.8
0.0	50.0	50.0	0.0	45.2	54.8		254.4
6.9	46.7	46.4	27.0	33.0	40.0		324.5
15.3	43.4	41.3	—	—	—		346.2
20.6	38.9	40.5	36.9	28.5	34.6		353.8
26.9	36.6	36.5	38.0	28.3	33.7		356.9
31.8	33.9	34.3	39.1	27.3	33.6		359.0
38.9	30.2	30.9	40.3	26.1	33.6		360.5
47.1	26.6	26.3	42.1	26.1	31.8		360.1
56.9	21.5	21.6	44.1	25.4	30.5		355.3
71.8	14.4	13.8	50.1	22.7	27.2		342.3
83.8	8.5	7.7	59.1	18.6	22.3		312.6
92.0	4.2	3.8	73.6	12.3	14.1		276.6
98.4	1.0	0.6	90.0	5.0	4.4		236.3
0.0	73.4	26.6	0.0	67.7	32.3		246.2
5.0	68.9	26.1	22.5	52.6	24.9		298.9
8.6	66.3	25.1	28.3	48.7	23.0		316.2

Таблица № 2041 (продолжение)

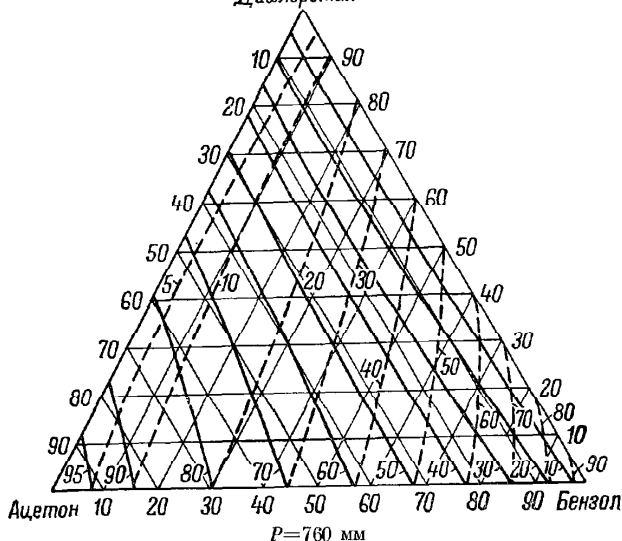
Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	дихлор-этан	бензол	этиловый спирт	дихлор-этан	бензол		
14.5	62.1	23.4	33.9	45.0	21.1	50	333.7
21.8	57.0	21.2	37.4	42.2	20.4		346.8
29.6	50.7	19.7	39.8	40.9	19.3		349.0
36.0	46.0	18.0	40.9	40.0	19.1		350.1
40.6	42.4	17.0	42.1	38.9	19.0		350.4
45.4	39.2	15.4	43.1	38.8	18.1		350.3
54.4	33.0	12.6	45.8	36.7	17.5		348.4
63.0	27.0	10.0	48.2	35.2	16.0		343.0
70.7	21.2	8.1	51.4	33.1	15.5		335.3
78.2	15.6	6.2	56.3	30.0	13.7		321.3
85.3	10.6	4.1	62.3	25.0	11.7		302.2
91.4	6.6	2.0	74.2	17.8	8.0		274.6
0.0	86.2	13.8	0.0	84.0	16.0		240.2
0.2	78.8	12.0	29.1	59.6	11.3		314.8
14.7	73.9	11.4	33.7	55.5	10.8		327.7
25.9	64.1	10.0	39.2	50.9	9.9		341.3
34.1	56.4	9.5	41.0	48.9	10.1		343.0
39.8	51.3	8.9	41.9	48.7	9.4		344.3
44.4	47.8	7.8	43.7	46.9	9.4		343.4
50.3	42.7	7.0	45.1	45.8	9.1		343.4
58.5	35.5	6.0	47.4	44.1	8.5		340.1
70.5	25.5	4.0	52.1	40.1	7.8	60	330.2
82.9	14.3	2.8	61.1	32.4	6.5		305.5
0.0	14.0	86.0	0.0	11.4	88.6		387.2
7.6	13.3	79.1	28.1	8.2	63.7		493.6
13.9	12.0	74.1	33.3	8.1	58.6		526.0
20.5	11.0	68.5	36.2	7.9	55.9		543.5
29.4	10.1	60.5	39.9	7.1	53.0		553.8
37.2	9.0	53.8	42.0	6.7	51.3		557.0
41.9	8.1	50.0	43.0	6.3	50.7		557.6
45.7	7.9	46.4	43.6	6.5	49.9		557.4
51.4	7.0	41.6	44.4	6.4	49.2		556.0
57.7	6.0	36.3	47.0	6.4	46.6		552.3
65.1	4.9	30.0	50.0	5.6	44.4		544.4
72.9	4.5	22.6	53.3	5.5	41.2		528.8
80.4	3.7	15.9	58.9	4.9	36.2		502.5
87.7	2.2	10.1	66.5	4.2	29.3		460.4
92.9	1.6	5.5	76.7	3.1	20.2		426.4
0.0	29.0	71.0	0.0	25.3	74.7		381.0
6.7	28.0	65.3	27.2	18.7	54.1		482.5
12.1	26.6	61.3	34.6	16.1	49.3		516.0
20.6	23.5	55.9	38.1	15.6	46.3		534.0
28.1	21.0	50.9	40.4	14.9	44.7		542.8
37.0	18.6	44.4	42.6	13.7	43.7		547.2
40.3	17.2	42.5	42.9	13.8	43.3		547.8
43.4	16.1	40.5	43.6	14.0	42.4		548.8

Таблица № 2041 (продолжен е)

Состав жидкости, мол. %			Состав пара, мол. %			t	p
этиловый спирт	дихлор-этан	бензол	этиловый спирт	дихлор-этан	бензол		
47.7	15.5	36.8	44.6	14.0	41.4	60	547
53.0	14.0	33.0	46.3	13.7	40.0		545.5
59.1	12.2	28.7	47.8	13.2	39.0		541.6
65.5	10.1	24.4	49.2	13.1	37.7		534.9
72.8	8.0	19.2	53.8	11.8	34.4		521.
80.9	6.3	12.8	58.5	10.2	31.3		495.6
88.2	4.2	7.6	68.4	8.1	23.5		455.2
94.7	2.0	3.3	80.6	5.6	13.8		408.1
0.0	49.9	50.1	0.0	44.5	55.5		371.8
7.0	46.5	46.5	30.2	31.0	38.8		472.3
20.7	39.9	39.4	39.0	27.6	33.4		519.9
27.9	36.0	36.1	40.9	26.6	32.5		529.5
34.6	32.0	33.4	41.8	25.7	32.5		534.3
40.3	29.6	30.1	42.8	25.5	31.7		536.7
47.4	26.3	26.3	45.0	24.2	30.8		536.9
57.3	21.4	21.3	47.3	23.7	29.0		531.5
69.9	15.4	14.7	52.6	22.0	25.4		516
83.0	8.8	8.2	61.6	17.6	20.8		479.2
91.7	4.4	3.9	73.9	11.8	14.3		430.4
98.3	1.1	0.6	90.8	4.9	4.3		375.0
0.0	72.2	27.8	0.0	67.8	32.2		360.2
5.3	68.4	26.3	22.4	53.0	24.6		435.1
9.0	65.7	25.3	29.3	48.0	22.7		464.7
15.0	61.5	23.5	35.4	43.8	20.8		492.1
23.3	55.6	21.1	39.8	40.8	19.4		510.0
30.9	49.8	19.3	41.4	39.9	18.7		517.7
37.0	45.2	17.8	43.3	38.5	18.2		520.1
41.6	41.6	16.8	44.2	38.0	17.8		521.6
46.0	38.9	15.1	45.9	36.6	17.5		522.3
53.5	33.5	13.0	47.5	35.2	17.3		520.3
62.0	27.6	10.4	50.7	33.6	15.7		514.9
69.9	22.0	8.1	53.1	32.3	14.6		506.3
77.2	16.4	6.4	57.2	29.3	13.5		491.6
84.6	10.8	4.6	64.1	24.1	11.8		464.7
90.8	7.1	2.1	74.5	17.5	8.0		427.7
0.0	85.4	14.6	0.0	82.9	17.1		353.4
9.5	78.5	12.0	30.4	59.0	10.6		460.9
15.9	72.3	11.8	36.5	53.1	10.4		487.0
26.4	63.6	10.0	40.1	50.1	9.8		503.5
35.0	55.5	9.5	43.9	46.5	9.6		510.8
41.7	49.8	8.5	45.1	45.7	9.2		51
45.6	46.5	7.9	46.0	45.0	9.0		513.4
50.5	42.4	7.1	47.6	43.9	8.5		513
58.1	35.7	6.2	50.3	41.3	8.4		509.0
69.2	26.4	4.4	53.2	38.9	7.9		499.6
81.4	15.5	3.1	62.6	30.9	6.5		469.7

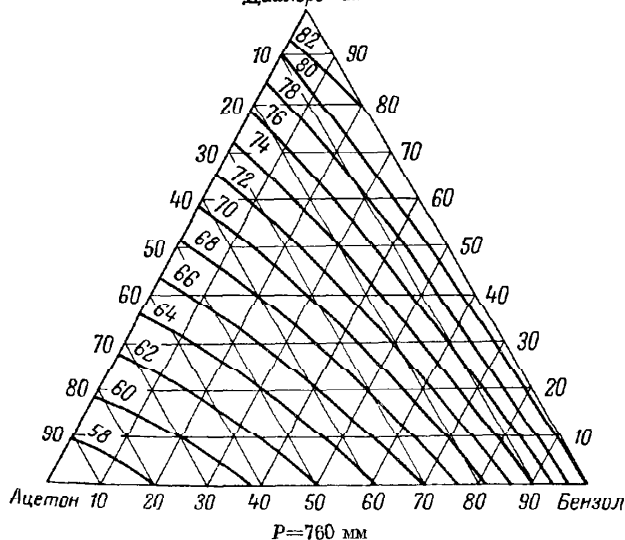


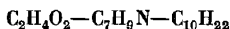
Дихлорэтан



Сплошной чертой дано содержание ацетона в паровой фазе, мол. %, прерывистой — бензола в паровой фазе, мол. %

Дихлорэтан





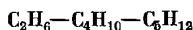
Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
уксусная кислота	лутидин	декан	уксусная кислота	лутидин	декан		
7.2	55.4	37.3	44.3	66.2	22.5	148.02	700
3.7	68.3	28.0	3.6	79.7	16.7	145.95	
13.7	61.2	25.1	17.2	64.8	18.0	146.31	
24.3	56.0	22.7	29.0	52.0	18.9	143.96	
7.3	77.6	15.0	5.9	82.9	11.1	143.53	
12.4	73.0	14.6	11.1	77.1	11.8	144.20	
20.5	66.3	13.2	21.3	66.2	12.5	143.94	
28.5	59.8	11.7	32.0	54.9	13.1	141.58	
37.0	52.6	10.4	44.1	42.7	13.2	142.38	
29.3	66.2	4.5	28.6	65.2	6.2	146.97	
28.4	67.4	4.2	26.8	67.3	5.7	147.22	
26.7	69.6	3.7	24.7	70.0	5.3	147.27	
24.3	72.3	3.4	21.1	74.7	4.1	147.20	
21.9	75.2	2.9	18.0	78.6	3.4	146.63	
19.9	77.4	2.7	15.6	81.3	3.0	146.22	
18.8	78.7	2.5	14.3	82.9	2.7	146.11	
20.4	69.5	10.1	19.8	70.1	10.1	146.40	
20.3	69.7	9.9	19.4	70.5	10.1	146.48	
19.4	71.0	9.6	18.5	71.9	9.6	146.32	
17.9	73.3	8.8	15.9	75.4	8.5	146.44	
24.5	65.7	9.7	25.1	64.1	10.8	146.79	
28.4	62.5	9.0	30.5	58.9	10.6	146.18	
31.6	59.7	8.7	36.0	53.2	10.7	146.02	
37.1	54.9	8.0	43.1	46.0	10.8	145.62	



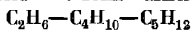
Состав жидкости, мол. %			Состав пара, мол. %			<i>t</i>	<i>P</i>
уксусная кислота	этилбензол	стирол	уксусная кислота	этилбензол	стирол		
4.5	37.3	58.2	17.5	39.2	43.3	60	48.0
6.2	15.4	78.4	25.0	16.3	58.7		44.0
12.3	54.2	33.5	38.5	46.0	15.5		64.0
28.8	39.5	31.7	55.5	29.2	15.3		28.0
55.4	16.0	28.6	73.0	12.2	14.8		85.0
58.0	28.1	13.0	71.6	21.6	6.8		91.0



Состав жидкости, мол. %			Состав пара, мол. %			t	P
уксусная кислота	этил-бензол	стирол	уксусная кислота	этил-бензол	стирол		
52.3	13.8	33.9	73.5	10.3	16.2	Нет данных	50
47.4	14.5	38.1	71.0	10.8	18.2		
41.7	15.3	43.0	67.7	11.6	20.7		
35.5	16.2	48.3	64.1	12.3	23.6		
28.7	17.2	54.1	58.9	13.5	27.6		
21.7	17.9	60.4	52.0	14.8	33.2		
15.2	18.5	66.3	43.3	16.6	40.1		
9.4	18.6	72.0	32.4	18.4	49.2		
5.0	18.5	76.5	20.3	20.5	59.2		
2.3	17.9	79.8	10.1	21.6	68.3		
0.95	16.85	82.2	4.7	21.4	73.9		
0.37	15.85	83.8	1.8	20.0	78.2		



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этан	бутан	пентан	этан	бутан	пентан		
51.7	27.4	20.9	84.6	10.2	5.2	65.6	34.41
60.2	22.9	16.1	87.5	8.6	3.9		41.22
71.3	17.5	11.2	88.6	7.7	3.7		50.18
76.5	14.4	9.1	88.2	8.1	3.7		54.24
79.4	12.8	7.8	87.2	8.5	4.3		56.21
51.0	37.8	11.2	82.8	14.9	2.3		35.01
59.9	31.2	8.9	85.8	12.2	2.0		41.58
69.0	24.5	6.5	87.1	11.1	1.8		48.14
74.0	20.8	5.2	87.1	11.0	1.9		52.29
78.8	17.0	4.2	86.5	11.5	2.0		55.54
56.0	13.1	30.9	89.3	4.6	6.1		35.88
64.1	11.3	24.6	89.8	4.3	5.9		42.28
71.8	9.3	18.9	90.4	4.1	5.5		48.48
79.3	7.6	13.1	91.1	3.8	5.1		54.99
82.3	6.8	10.9	91.0	3.8	5.2		57.03
83.6	6.1	10.3	90.4	4.1	5.5		58.32
53.4	4.9	41.7	89.9	1.6	8.5		35.19
61.7	4.4	33.9	91.0	2.0	7.0		41.90
70.3	3.9	25.8	91.7	1.8	6.5		48.38
79.7	3.3	17.0	92.1	1.7	6.2		54.99
85.8	3.0	11.2	91.9	1.7	6.4		59.75



Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этан	бутан	пентан	этан	бутан	пентан		
40.8	5.94	53.3	79.3	3.38	17.3	93.3	37.60
46.3	5.84	47.9	80.7	3.20	16.1		41.82
51.5	5.79	42.7	81.6	3.15	15.2		47.12
56.0	5.28	38.7	82.2	3.01	14.8		51.95
61.1	5.03	39.9	82.5	3.06	14.4		56.10
66.3	4.50	29.2	81.9	3.12	15.0		60.38
70.0	4.08	25.9	80.5	3.15	16.3		64.06
39.1	12.4	48.5	77.9	7.14	15.0		36.52
45.0	11.7	43.3	79.8	6.55	13.65		41.75
51.9	11.1	37.0	80.4	6.23	13.4		48.55
59.0	10.2	30.8	81.0	5.96	13.1		55.42
66.0	8.75	25.2	80.3	6.03	13.7		61.81
38.5	20.3	41.2	75.1	11.65	13.25		37.06
45.8	19.1	35.1	77.2	10.8	12.0		42.43
53.3	17.7	29.0	78.6	10.3	11.1		48.02
59.7	15.7	24.6	79.5	9.83	10.7		54.74
61.6	14.8	23.6	79.0	9.70	11.3		57.46
35.1	35.4	29.5	69.2	20.45	10.35		35.70
42.6	31.7	25.7	71.2	19.1	9.7		41.14
48.2	29.4	22.4	71.7	18.8	9.5		46.58
39.6	31.4	29.0	72.5	17.4	10.1		39.24
43.5	30.9	25.6	73.1	17.7	9.24		42.50
50.6	27.2	22.2	75.3	15.9	8.8		48.28
56.6	24.5	18.9	73.2	16.7	10.1		53.38
61.0	22.3	16.7	72.5	17.2	10.3		57.66
33.4	51.0	15.6	66.0	28.8	5.2		36.24
41.1	46.7	12.2	68.1	27.1	4.8		42.64
46.1	42.9	11.0	70.0	25.9	4.13		46.58
52.0	38.9	9.1	71.2	24.6	4.2		51.54
57.5	34.8	7.65	—	—	—		55.90
			69.6	25.8	4.6		55.56
20.4	17.8	61.8	56.4	14.8	28.8	121.1	30.67
27.2	18.6	54.2	59.5	14.4	26.1		37.20
35.3	18.0	46.7	62.3	13.7	24.0		44.74
39.7	17.9	42.4	63.6	13.3	23.1		48.82
45.2	16.6	38.2	63.0	13.2	23.8		54.74
46.6	16.4	37.0	59.3	13.7	27.0		56.17
20.1	30.9	49.0	51.8	24.5	23.7		31.76
24.6	31.6	43.8	54.1	24.4	21.5		35.70
29.4	30.9	39.7	55.5	23.6	20.9		41.00
35.2	29.8	35.0	58.4	22.2	19.4		46.92
—	—	—	59.8	21.5	18.7		51.34
39.8	28.5	31.7	—	—	—		51.48
43.1	26.7	30.2	—	—	—		53.86
—	—	—	59.4	21.6	19.0		54.06
18.5	47.4	34.1	44.0	38.4	17.6		33.25
21.5	46.4	32.1	47.5	36.2	16.3		36.52
26.4	45.5	28.1	50.5	34.4	15.1		40.94

Таблица № 2047 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	Р. ата
этан	бутан	пентан	этан	бутан	пентан		
31.7	43.5	24.8	52.6	34.0	13.4	121.1	45.36
35.2	41.7	23.1	—	—	—		48.82
—	—	—	54.3	31.6	14.1		50.12
36.7	41.4	21.9	—	—	—		50.18
37.5	40.9	21.6	—	—	—		51.20
—	—	—	54.4	31.5	14.1		51.48
15.8	63.8	20.4	37.7	51.9	10.4		32.91
19.1	62.7	18.2	40.3	50.1	9.62		36.31
23.4	61.0	15.6	43.3	47.6	9.05		40.46
—	—	—	46.9	44.9	8.2		44.74
29.3	57.4	13.3	—	—	—	148.9	45.83
25.0	57.4	17.6	46.2	44.2	9.6		41.41
27.4	56.6	16.0	47.6	43.3	9.1		43.86
32.2	53.3	14.5	50.0	41.4	8.6		47.53
35.3	51.4	13.3	51.4	40.1	8.5		50.46
37.0	50.4	12.6	—	—	—		51.34
—	—	—	50.6	40.8	8.6		51.61
21.0	15.5	63.5	47.7	10.5	41.8		40.80
23.9	13.6	62.5	47.5	10.4	42.1		44.81
29.6	11.4	59.0	49.2	10.4	40.4		50.46
27.2	12.0	60.8	48.9	10.5	40.6		50.59
32.2	11.2	56.6	48.1	10.4	41.5		54.88
33.9	11.0	55.1	—	—	—		56.64
—	—	—	47.3	10.5	42.2		56.85
20.7	26.2	53.1	40.2	23.6	36.2		42.23
22.6	25.5	51.9	41.4	23.4	35.2		47.60
24.4	25.2	50.4	41.8	23.4	34.8		50.80
—	—	—	40.8	23.6	35.6		53.92
27.2	25.0	47.8	—	—	—		54.06
16.9	41.9	41.2	32.2	40.0	27.8		40.66
17.1	42.3	40.6	32.3	40.0	27.7		41.14
18.8	42.5	38.7	32.9	40.0	27.1		42.98
19.9	42.0	38.1	33.4	39.8	26.8		45.70
—	—	—	33.7	39.6	26.7		48.62
23.0	41.9	35.1	—	—	—		48.69
—	—	—	32.3	40.0	27.7		49.91
24.0	41.8	34.2	—	—	—		49.98
13.4	41.9	74.7	35.5	12.7	51.8		31.42
15.8	12.6	71.6	39.0	12.7	48.3		35.02
19.1	12.9	68.0	41.3	12.5	46.2		38.49
—	—	—	44.1	12.4	43.5		43.04
44.8	12.3	42.9	—	—	—		44.20
11.4	27.5	61.1	28.9	29.0	42.1		31.55
14.2	28.2	57.6	32.2	28.3	39.5		35.02
17.2	28.8	54.0	35.5	27.9	36.6		38.90
—	—	—	36.7	27.3	36.0		40.32
18.5	29.2	52.3	—	—	—		40.46
12.8	45.0	42.2	22.8	46.3	30.9		34.54
11.9	46.0	42.1	25.0	45.9	29.1		36.36

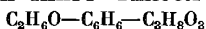
Таблица № 2047 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P, ата
этан	бутан	пентан	этан	бутан	пентан		
13.5	46.2	40.3	26.3	45.5	28.2	148.9	38.28
16.0	47.0	37.0	28.6	44.9	26.5		41.14
18.3	46.4	35.3	—	—	—		43.04
—	—	—	29.8	44.3	25.9		43.11
6.7	61.2	32.1	15.6	63.3	21.1		34.00
8.0	62.0	30.0	16.7	62.4	20.9		35.77
11.5	62.8	25.7	20.0	61.3	18.7		39.10
13.3	62.9	23.8	21.2	60.7	18.1		40.80

№ 2048

ЭТИЛОВЫЙ СПИРТ—БЕНЗОЛ—ГЛИЦЕРИН

[728]



Состав жидкости, вес. %			Состав пара, вес. %			t	P
этиловый спирт	бензол	глицерин	этиловый спирт	бензол	глицерин		
27.0	8.0	65.0	33.3	66.5	0.2	Нет данных	760
27.9	2.9	69.2	95.4	0.5	4.1		
30.0	63.0	7.0	33.2	66.6	0.2		
33.2	58.0	8.8	33.7	66.2	0.1		
35.0	19.0	46.0	33.2	66.6	0.2		
35.1	54.3	10.6	34.1	65.9	0.0		
36.0	45.0	19.0	30.8	68.5	0.7		
37.0	30.0	33.0	34.8	64.6	0.6		
37.0	50.3	12.7	34.9	65.0	0.1		
38.8	11.7	49.5	54.5	44.4	1.1		
38.9	2.8	58.3	96.1	0.4	3.5		
39.1	40.2	20.7	38.3	61.5	0.2		
41.3	33.6	25.1	33.3	66.3	0.4		
41.5	3.3	55.2	93.9	2.2	3.9		
41.6	18.7	39.7	36.3	63.4	0.3		
43.6	22.7	33.7	43.1	56.5	0.4		
43.7	9.1	47.2	55.6	42.7	1.7		
45.0	45.0	10.0	34.1	65.7	0.2		
45.8	6.1	48.1	78.0	49.9	2.1		
46.4	41.7	11.9	34.8	65.1	0.1		
49.4	4.6	46.0	94.8	1.1	4.1		
49.6	36.2	14.2	35.2	64.1	0.7		
50.8	4.3	44.9	98.8	0.6	0.6		
52.0	3.2	44.8	97.1	0.9	2.0		
53.7	29.0	17.3	39.0	60.4	0.6		
55.0	35.0	10.0	39.2	60.8	0.0		
56.4	30.6	13.0	40.3	59.7	0.0		
57.1	2.1	40.8	99.1	0.6	0.3		
57.5	4.0	38.5	98.6	0.2	1.2		
58.6	20.3	21.1	50.2	48.2	1.6		

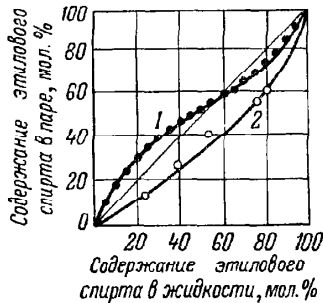
Таблица № 2048 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
этиловый спирт	бензол	глицерин	этиловый спирт	бензол	глицерин		
60.3	25.8	13.9	41.4	58.3	0.3	Нет данных	760
62.1	9.3	28.6	80.6	18.4	1.0		
65.0	25.0	10.0	43.5	56.2	0.3		
65.4	17.7	16.9	51.3	48.0	0.7		
67.7	6.0	26.3	96.5	1.3	2.2		
68.5	20.4	11.1	48.6	50.8	0.6		
68.6	3.5	27.9	89.1	8.6	2.3		
69.5	9.5	21.0	70.3	28.6	1.1		
72.0	15.0	13.0	59.2	39.9	0.9		
73.5	2.2	24.3	98.5	1.0	0.5		
73.7	4.1	22.2	96.8	2.8	0.4		
74.7	5.7	19.6	91.3	6.7	2.0		
74.8	9.3	15.9	75.8	23.0	1.2		
75.0	15.0	10.0	59.6	40.2	0.2		
77.6	11.7	10.7	66.3	33.5	0.2		
79.7	4.5	15.8	96.3	3.4	0.3		
80.1	8.0	11.9	77.8	21.9	0.3		
80.3	1.9	17.8	98.2	1.5	0.3		
80.6	5.3	14.1	91.6	8.1	0.3		
83.5	1.6	14.9	97.0	2.4	0.6		
85.0	5.0	10.0	79.8	19.6	0.6		
85.2	0.9	13.9	94.4	5.0	0.6		
86.3	2.7	11.0	89.5	9.8	0.7		

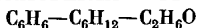
№ 2049

[92]

ЭТИЛОВЫЙ СПИРТ—
ЭТИЛАЦЕТАТ—ХЛОРБЕНЗОЛ
 $C_2H_6O-C_4H_8O_2-C_6H_5Cl$

 $P=760$ мм

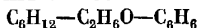
1 — 0 мол. % хлорбензола; 2 — 60 мол. %
хлорбензола.



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло- гексан	этиловый спирт	бензол	цикло- гексан	этиловый спирт		
8.4	45.8	45.8	9.3	50.8	39.9	50	453.5
11.4	26.6	62.0	15.1	44.0	40.9		425.6
11.4	62.0	26.6	10.4	51.1	38.5		450.5
13.45	13.45	73.1	22.6	32.2	45.2		403.0
13.45	73.1	13.45	11.9	52.8	35.3		422.0
17.6	41.2	41.2	18.6	44.3	37.1		451.0
23.1	23.1	53.8	26.3	36.2	37.5		425.3
23.1	53.8	23.1	19.5	45.0	35.5		434.0
26.6	11.4	62.0	36.3	22.4	41.3		408.0
26.6	62.0	11.4	22.0	47.4	30.6		417.5
33.3	33.3	33.4	29.5	35.4	35.1		429.5
41.2	17.6	41.2	40.2	22.9	36.9		417.0
41.2	41.2	17.6	31.9	36.2	31.9		421.0
45.8	8.4	45.8	48.8	12.9	38.3		404.5
45.8	45.8	8.4	35.9	38.4	25.7		399.5
53.8	23.1	23.1	42.6	24.1	33.3		418.6
62.0	11.4	26.6	52.0	13.4	34.6		403.0
62.0	26.6	11.4	16.4	25.5	28.1		403.0
73.1	13.45	13.45	55.6	14.2	30.2		397.5
0.0	0.0	100.0	0.0	0.0	100.0	56.50	300
0.0	15.5	84.5	0.0	50.8	49.2	44.32	
0.0	30.0	70.0	0.0	59.5	40.5	42.10	
0.0	50.0	50.0	0.0	61.1	38.9	41.45	
0.0	70.0	30.0	0.0	62.3	37.7	41.47	
0.0	84.5	15.5	0.0	63.1	36.9	41.60	
0.0	100.0	0.0	0.0	100.0	0.0	52.83	
15.5	0.0	84.5	40.1	0.0	59.9	48.27	
30.0	0.0	70.0	52.8	0.0	47.2	45.53	
50.0	0.0	50.0	59.9	0.0	40.1	44.29	
70.0	0.0	30.0	64.1	0.0	35.9	44.20	
84.5	0.0	15.5	68.0	0.0	32.0	44.61	
100.0	0.0	0.0	100.0	0.0	0.0	52.88	
15.5	84.5	0.0	20.3	79.7	0.0	50.38	
30.0	70.0	0.0	33.5	66.5	0.0	49.86	
50.0	50.0	0.0	50.2	49.8	0.0	49.63	
70.0	30.0	0.0	66.8	33.2	0.0	50.13	
84.5	15.5	0.0	80.7	19.3	0.0	51.05	
8.4	45.8	45.8	10.0	52.9	37.1	41.12	
11.4	26.6	62.0	15.4	44.0	40.6	41.59	
11.4	62.0	26.6	11.2	53.4	35.4	41.14	
13.45	13.45	73.1	23.7	34.2	42.1	43.02	
13.45	73.1	13.45	12.3	54.8	32.9	41.59	
17.6	41.2	41.2	18.6	46.4	35.0	40.99	
23.1	23.1	53.8	27.1	37.2	35.7	41.50	
23.1	53.8	23.1	20.2	46.6	33.2	41.22	
26.6	11.4	62.0	37.2	23.3	39.5	42.61	

Таблица № 2050 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло-гексан	этиловый спирт	бензол	цикло-гексан	этиловый спирт		
26.6	62.0	11.4	24.4	52.8	22.8	41.78	300
33.3	33.3	33.4	30.6	36.7	32.7	41.21	
41.2	17.6	41.2	41.7	24.2	34.1	42.05	
41.2	41.2	17.6	32.9	36.9	30.2	41.58	
45.8	8.4	45.8	50.4	13.5	36.1	42.91	
45.8	45.8	8.4	35.9	38.6	25.5	42.69	
53.8	23.1	23.1	43.6	24.9	31.5	41.90	
62.0	11.4	26.6	53.5	14.1	32.4	42.88	
62.0	26.6	11.4	46.6	26.1	27.3	42.77	
73.1	13.45	13.45	56.1	14.9	29.0	42.36	
0.0	0.0	100.0	0.0	0.0	100.0	78.30	760
0.0	15.5	84.5	0.0	40.7	59.3	68.00	
0.0	30.0	70.0	0.0	49.6	50.4	65.56	
0.0	50.0	50.0	0.0	53.5	46.5	64.85	
0.0	70.0	30.0	0.0	55.7	44.3	65.12	
0.0	84.5	15.5	0.0	58.3	41.7	65.90	
0.0	100.0	0.0	0.0	100.0	0.0	80.79	
15.5	0.0	84.5	33.2	0.0	66.8	71.64	
30.0	0.0	70.0	44.6	0.0	55.4	69.11	
50.0	0.0	50.0	52.9	0.0	47.1	68.10	
70.0	0.0	30.0	58.5	0.0	41.5	68.26	
84.5	0.0	15.5	64.1	0.0	35.9	69.59	
100.0	0.0	0.0	100.0	0.0	0.0	80.07	
15.5	84.5	0.0	19.1	80.9	0.0	79.20	
30.0	70.0	0.0	33.3	66.7	0.0	78.22	
50.0	50.0	0.0	51.1	48.9	0.0	77.70	
70.0	30.0	0.0	68.0	32.0	0.0	78.00	
84.5	15.5	0.0	82.0	18.0	0.0	78.67	
8.4	45.8	45.8	8.7	47.3	44.0	64.73	
11.4	26.6	62.0	13.6	39.7	46.7	65.27	
11.4	62.0	26.6	10.0	48.3	41.7	65.06	
13.45	13.45	73.1	20.5	29.2	50.3	66.71	
13.45	73.1	13.45	11.1	51.3	37.6	66.26	
17.6	41.2	41.2	16.2	42.7	41.1	64.82	
23.1	23.1	53.8	24.3	33.4	42.3	65.40	
23.1	53.8	23.1	18.4	42.6	39.0	65.35	
26.6	11.4	62.0	33.4	20.0	46.6	66.56	
26.6	62.0	11.4	20.6	46.0	33.4	66.84	
33.3	33.3	33.4	27.5	33.0	39.5	65.23	
41.2	17.6	41.2	37.5	20.0	42.5	65.97	
41.2	41.2	17.6	30.8	34.5	34.7	66.27	
45.8	8.4	45.8	45.3	11.5	43.2	66.85	
45.8	45.8	8.4	35.9	38.0	26.1	69.11	
53.8	23.1	23.1	41.1	22.2	36.7	66.38	
62.0	11.4	26.6	49.3	12.2	38.5	67.07	
62.0	26.6	11.4	45.9	23.7	30.4	68.32	
73.1	13.45	13.45	54.6	13.5	31.9	68.72	



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилцикло- пентан	этиловый спирт	бензол	метилцикло- пентан	этиловый спирт	бензол	метилцикло- пентан	этиловый спирт	бензол		
84.5	4.7	10.7	65.7	25.8	8.4	1.03	10.39	1.37	63.0	760
67.0	23.2	9.9	58.5	34.0	7.5	1.25	3.07	1.43	60.7	
49.9	42.2	7.9	56.5	36.3	7.2	1.63	1.82	1.74	60.5	
42.2	49.5	8.3	55.1	37.1	7.8	1.86	1.57	1.78	60.7	
35.9	56.9	7.1	53.8	38.6	7.6	2.12	1.41	2.01	60.9	
27.2	65.0	7.9	50.1	40.7	9.2	2.56	1.27	2.14	61.5	
17.3	76.3	6.7	44.3	45.7	9.9	3.39	1.14	2.58	63.0	
54.0	35.2	10.9	55.4	35.6	9.0	1.47	2.14	1.57	60.5	
84.2	6.2	9.6	25.0	56.4	18.6	4.67	1.06	2.94	67.1	
44.3	17.9	38.0	41.2	33.7	25.0	1.28	3.71	1.19	62.1	
7.5	74.6	17.8	23.2	49.7	27.1	3.75	1.12	2.43	65.7	
32.1	32.4	35.5	37.4	34.7	27.9	1.59	2.12	1.42	62.0	
9.8	66.9	23.2	24.3	45.4	30.2	3.10	1.19	2.14	64.7	
25.8	29.2	44.0	32.7	33.8	33.5	1.63	2.22	1.34	62.7	
16.7	61.3	21.9	34.0	41.3	24.7	2.68	1.27	1.96	63.1	
10.5	22.7	57.8	24.5	33.5	42.0	1.60	2.65	1.22	64.2	
30.9	49.7	19.2	44.9	37.1	17.9	1.95	1.44	1.66	62.5	
7.7	5.1	87.2	10.9	21.7	67.4	1.45	5.73	1.03	71.0	
48.6	28.1	23.4	48.3	34.4	17.3	1.39	2.50	1.37	61.3	
12.7	12.0	75.4	15.9	30.4	53.8	1.44	3.96	1.07	67.4	
12.1	26.2	61.7	16.8	36.3	46.8	1.69	2.35	1.22	65.5	
18.5	12.7	68.7	21.9	30.2	47.9	1.42	3.94	1.10	66.1	
9.8	36.6	53.6	16.0	39.5	44.5	2.00	1.78	1.34	65.4	
24.3	10.1	65.5	27.1	27.9	45.0	1.36	4.69	1.10	65.5	
9.2	49.0	41.8	17.6	41.6	40.8	2.36	1.47	1.59	65.1	
37.0	12.4	50.5	36.5	29.0	34.5	1.26	4.24	1.15	64.0	
10.3	57.0	32.8	21.6	42.6	35.9	2.63	1.32	1.81	64.6	
49.5	9.1	41.4	44.3	27.8	27.9	1.16	5.63	1.15	63.6	
59.2	9.4	31.4	49.8	28.4	21.8	1.12	5.77	1.22	62.8	
32.7	17.5	49.8	34.3	31.7	33.9	1.36	3.34	1.16	63.6	
18.9	10.6	20.5	56.3	29.2	14.5	1.15	5.50	1.29	61.8	
58.4	22.4	19.2	53.2	33.0	13.8	1.28	3.01	1.33	61.3	
48.6	21.8	29.6	45.9	32.8	21.3	1.33	3.00	1.31	61.8	
38.8	32.3	28.9	42.7	34.7	22.7	1.51	2.14	1.43	61.9	
18.2	32.4	49.4	24.7	39.6	38.4	1.72	2.03	1.29	64.4	
39.4	39.9	20.6	46.5	36.1	17.4	1.65	1.85	1.57	61.3	
32.5	38.9	28.6	40.4	36.0	23.6	1.69	1.82	1.49	62.1	
21.7	40.2	38.1	30.4	37.3	32.4	1.83	1.73	1.46	63.4	
20.8	47.7	31.6	32.1	38.7	29.2	2.04	1.53	1.61	63.1	
23.6	19.9	56.5	27.8	32.7	39.5	1.48	2.91	1.16	64.5	
15.7	69.0	15.3	35.8	44.2	20.0	2.98	1.19	2.25	63.4	
12.2	17.4	10.4	59.5	32.8	7.7	1.10	3.90	1.39	61.0	
6.8	87.8	5.3	29.6	59.4	11.0	4.55	1.04	3.09	67.7	

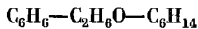
Таблица № 2051 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилцикло- пентан	этиловый спирт	бензол	метилцикло- пентан	этиловый спирт	бензол	метилцикло- пентан	этиловый спирт	бензол		
84.7	9.6	5.7	64.6	30.8	4.6	1.07	6.55	1.50	61.3	760
31.2	50.4	18.5	44.6	38.0	17.4	1.98	1.52	1.72	61.6	
18.2	69.0	12.8	40.3	43.2	16.5	2.96	1.20	2.28	62.7	
56.8	39.5	3.7	59.7	39.6	3.3	1.52	2.00	1.72	60.2	
35.3	5.2	59.5	35.7	22.5	41.9	1.18	6.89	1.07	67.0	

№ 2052

БЕНЗОЛ—ЭТИЛОВЫЙ СПИРТ—ГЕКСАН

[1061]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	этиловый спирт	гексан	бензол	этиловый спирт	гексан	бензол	этиловый спирт	гексан		
10.8	5.2	84.0	7.7	24.0	68.3	1.32	9.47	1.04	60.9	760
22.1	4.6	73.3	15.9	23.0	61.1	1.29	9.85	1.04	61.8	
21.8	18.5	59.7	15.4	30.0	54.6	1.35	3.48	1.21	59.9	
32.7	7.3	60.0	22.4	24.0	52.7	1.23	6.76	1.09	61.7	
30.3	30.7	39.0	22.9	33.3	43.8	1.41	2.24	1.45	60.7	
62.5	7.9	29.6	42.1	24.5	33.4	1.09	5.44	1.28	64.7	
71.9	18.3	9.8	52.0	32.5	15.5	1.42	2.90	1.73	66.2	

№ 2053

ГЕКСАН—ЭТИЛОВЫЙ СПИРТ—БЕНЗОЛ

[1096]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гексан	этиловый спирт	бензол	гексан	этиловый спирт	бензол	гексан	этиловый спирт	бензол		
2.3	54.8	42.9	6.1	44.7	49.2	2.65	1.40	1.69	54.80	483.5
2.8	75.9	21.3	12.4	52.5	35.1	4.40	1.14	2.35	54.96	470.5
3.0	92.8	4.2	19.8	67.7	12.5	5.57	1.04	3.66	55.10	406.4

Таблица № 2053 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
токсан	этиловый спирт	бензол	токсан	этиловый спирт	бензол	токсан	этиловый спирт	бензол		
4.0	14.1	81.9	6.8	30.6	62.6	1.67	3.59	1.09	55.10	471.0
4.6	3.8	91.6	8.1	18.9	73.0	1.52	7.27	1.00	54.95	441.8
5.9	52.6	41.5	14.5	39.9	45.6	2.66	1.37	1.72	54.98	517.8
7.4	64.0	28.6	20.1	44.1	35.8	3.04	1.30	2.04	55.00	540.9
8.3	72.6	19.1	27.0	44.4	28.6	3.64	1.17	2.49	54.73	541.4
8.7	79.3	12.0	33.8	47.7	18.5	4.37	1.14	2.54	55.16	548.4
8.9	34.5	56.6	15.8	36.7	47.5	1.94	1.97	1.34	55.08	530.0
9.5	84.3	6.2	37.1	43.7	19.2	4.52	1.01	5.11	55.05	560.1
10.5	11.9	77.6	17.0	30.6	52.4	1.69	4.53	1.03	55.10	506.4
10.7	23.4	65.9	16.4	33.8	49.8	1.64	2.62	1.19	55.18	524.5
11.6	45.9	42.5	23.8	38.5	37.7	2.36	1.63	1.49	55.05	558.5
11.8	1.4	86.8	20.5	14.3	65.2	1.59	1.57	1.00	55.00	438.9
16.8	20.1	63.1	23.7	31.5	44.8	1.60	3.02	1.18	54.85	548.5
17.4	63.0	19.6	37.2	40.6	22.2	2.64	1.34	2.05	55.05	601.0
18.3	43.4	38.3	31.0	37.1	31.9	2.03	1.73	1.46	55.16	585.0
19.6	69.4	11.0	43.5	42.9	13.6	2.81	1.32	2.29	55.15	618.7
22.3	10.4	67.3	27.0	26.6	46.4	1.34	4.79	1.00	55.16	538.2
22.4	52.3	25.3	37.8	37.3	24.9	2.11	1.51	1.80	55.14	612.0
22.7	28.1	49.2	23.0	37.5	39.5	1.20	2.67	1.39	55.20	579.9
25.3	63.3	11.4	46.5	40.3	13.2	2.40	1.40	2.21	54.94	635.7
27.2	37.2	35.6	36.9	34.9	28.2	1.69	1.97	1.44	55.08	608.0
29.9	46.1	24.0	43.7	35.0	21.3	1.88	1.65	1.68	55.10	629.9
31.4	9.9	58.7	32.3	25.3	42.4	1.17	4.91	1.20	55.00	554.1
33.5	48.7	17.8	50.0	34.1	15.9	1.95	1.55	1.73	55.22	646.4
38.1	20.7	41.2	41.6	30.3	28.1	1.37	3.09	1.25	54.98	609.7
39.6	52.8	7.6	55.3	36.7	8.0	1.89	1.59	2.07	54.98	661.4
40.0	13.8	46.2	41.8	27.3	30.9	1.28	4.11	1.20	55.05	599.3
43.7	7.9	48.4	41.6	27.2	31.2	1.14	7.01	1.13	54.95	580.7
44.3	53.5	2.2	59.4	38.1	2.5	1.82	1.64	2.24	55.16	669.9
46.0	27.1	26.9	47.6	33.0	19.4	1.35	2.68	1.38	55.00	637.6
47.3	1.5	51.2	52.3	9.2	38.5	1.14	10.42	1.14	55.25	503.2
54.6	33.8	11.6	55.8	34.6	9.6	1.40	2.34	1.63	55.13	663.6
56.1	21.3	22.6	51.4	32.5	16.1	1.20	3.38	1.38	54.95	640.0
58.7	11.7	29.6	48.0	28.0	24.0	1.04	5.11	1.50	55.16	621.9
62.5	14.3	23.2	53.2	29.5	17.3	1.10	4.51	1.42	55.00	632.9
63.7	23.3	13.0	59.4	32.3	8.3	1.25	3.15	1.27	55.00	656.5
71.8	14.5	13.7	60.9	30.0	9.1	1.13	4.65	1.30	54.92	648.0
73.8	2.6	23.6	65.7	15.6	18.7	1.03	11.91	1.34	55.10	562.7
75.8	18.6	5.6	63.1	32.4	4.5	1.13	4.01	1.61	54.73	657.5
80.5	4.2	6.3	73.7	24.9	4.4	1.01	10.76	1.28	55.05	601.1



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент α тивности			t	P
этиловый спирт	бензол	гептан	этиловый спирт	бензол	гептан	этиловый спирт	бензол	гептан		
0.2	5.0	94.8	16.5	9.1	74.5	62.0	1.29	1.00	70.87	400
1.1	9.6	89.3	30.3	12.8	56.9	26.7	1.16	1.01	64.84	
2.7	18.5	78.8	32.2	22.7	45.1	13.0	1.20	1.03	61.36	
2.7	92.0	5.3	15.7	80.2	4.1	8.10	1.08	1.74	55.67	
2.8	28.2	60.0	30.3	31.7	38.0	12.4	1.17	1.07	59.46	
3.1	36.7	60.2	29.3	38.8	31.9	11.6	1.13	1.06	58.62	
4.3	45.6	50.1	30.5	44.2	25.3	9.58	1.14	1.12	56.15	
4.3	54.9	40.8	27.4	52.5	20.1	8.70	1.13	1.10	55.97	
5.0	64.1	30.9	26.9	56.1	17.0	7.68	1.06	1.27	55.20	
5.4	10.7	83.9	46.1	12.0	41.9	10.6	1.23	1.03	57.94	
6.0	73.6	20.4	27.3	60.7	12.0	6.70	1.04	1.40	54.26	
6.5	83.5	10.0	26.4	67.1	6.5	6.09	1.02	1.57	54.02	
7.6	27.9	64.5	41.2	28.6	30.2	7.82	1.27	1.10	54.79	
8.0	19.2	72.8	43.2	20.5	36.3	7.29	1.25	1.10	56.18	
10.7	29.8	59.5	41.4	29.8	28.8	5.63	1.24	1.14	54.62	
12.5	46.8	40.7	37.9	41.3	20.8	4.72	1.16	1.26	53.27	
13.5	36.4	50.1	39.7	35.2	25.1	4.44	1.23	1.21	53.94	
14.1	55.6	30.3	36.2	47.1	16.7	4.12	1.13	1.41	52.63	
14.8	64.4	20.8	35.2	52.6	12.2	3.90	1.11	1.53	52.19	
16.3	73.5	10.2	35.0	58.1	6.9	3.54	1.08	1.77	52.01	
16.4	39.6	44.0	41.2	36.3	22.5	3.94	1.20	1.28	53.10	
20.4	9.8	69.8	51.3	12.0	36.7	3.66	1.52	1.23	54.70	
20.9	18.4	60.7	47.6	21.0	31.4	3.38	1.44	1.23	54.24	
25.1	35.9	39.0	43.5	34.8	21.7	2.78	1.30	1.42	52.58	
25.9	54.3	19.8	38.4	4.6	13.0	2.50	1.25	1.74	51.59	
26.4	44.7	28.9	41.1	41.4	7.5	2.57	1.27	1.58	52.01	
26.6	63.3	10.1	38.0	54.4	7.6	2.37	1.21	2.01	51.40	
28.5	18.0	53.5	48.8	21.0	9.0	2.59	1.55	1.34	53.78	
31.8	35.0	33.2	44.7	33.3	22.0	2.27	1.28	1.70	52.46	
32.3	9.5	58.2	52.9	11.9	35.2	2.39	1.55	1.42	54.60	
35.3	27.2	37.5	43.9	3.3	24.8	2.00	1.54	1.69	52.57	
35.6	36.5	27.9	43.8	37.0	.2	2.03	1.39	1.75	51.96	
36.3	44.3	19.4	41.2	44.5	14.3	1.93	1.41	1.97	51.45	
36.7	54.1	9.2	39.8	51.8	8.4	1.87	1.36	2.48	51.04	
43.3	18.5	38.2	49.1	23.0	27.1	1.76	1.63	1.81	53.24	
45.0	9.5	45.5	53.8	12.5	33.7	1.77	1.63	1.76	54.32	
45.3	26.8	27.9	47.2	31.4	21.4	1.69	1.59	1.98	52.37	
46.5	34.7	18.8	44.1	40.0	15.9	1.64	1.64	2.29	51.08	
46.6	44.1	9.3	42.9	47.9	9.2	.59	1.54	2.68	51.06	
53.3	9.8	36.9	53.4	.1	3.5	1.4	.81	2.1	54.13	
54.3	18.8	20.9	50.2	2.6	.5	4	1.73	2.3	53.02	
55.6	26.0	18.4	47.8	34.0	.2	4	.8	.57	52.19	
56.1	34.6	9.3	42.5	4.	.0		3	2.87	51.43	
63.0	9.2	27.8	54.8	14.	30.3	1.3	2.03	2.62	54.13	
65.0	17.1	17.9	51.3	7.3	21.4	1.25	2.12	3.01	52.88	

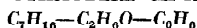
Таблица № 2054 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
этиловый спирт	бензол	гептан	этиловый спирт	бензол	гептан	этиловый спирт	бензол	гептан		
65.1	26.0	8.9	48.3	39.1	12.6	1.22	2.06	3.68	52.10	400
72.9	8.9	18.3	56.9	16.6	26.5	1.16	2.37	3.47	54.17	
75.7	15.9	8.4	54.3	30.8	14.9	1.11	2.53	4.43	58.23	
82.4	8.5	9.1	61.9	19.1	19.0	1.08	2.76	4.82	54.92	
91.5	4.7	3.8	73.3	13.5	13.2	1.01	3.18	7.17	57.64	

№ 2055

ГЕПТАН—ЭТИЛОВЫЙ СПИРТ—БЕНЗОЛ

[807]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гептан	этиловый спирт	бензол	гептан	этиловый спирт	бензол	гептан	этиловый спирт	бензол		
11.1	11.8	77.1	7.4	29.0	63.6	1.803	4.681	1.072	33.3	180
9.6	19.4	71.0	7.0	34.2	58.8	2.018	3.449	1.100	32.8	
8.6	33.6	57.8	7.5	34.1	58.4	2.434	1.997	1.347	32.7	
8.9	39.1	52.0	8.6	35.0	56.4	2.675	1.751	1.438	32.8	
8.4	45.9	45.7	8.7	36.3	55.0	2.847	1.539	1.593	32.9	
8.6	82.6	8.8	21.2	55.9	22.9	5.688	1.007	2.003	26.3	
13.6	78.1	8.3	26.8	53.4	19.8	4.575	1.114	2.753	36.2	
19.3	72.4	8.3	29.6	52.3	18.1	3.562	1.176	2.517	36.2	
26.2	66.5	7.3	32.9	52.1	15.0	2.917	1.276	2.374	36.2	
41.9	50.7	7.4	36.2	51.1	12.7	1.994	1.634	1.974	36.3	
61.7	31.6	6.7	39.0	50.8	10.2	1.422	2.516	1.707	36.9	
69.4	22.7	7.9	39.0	49.7	11.3	1.256	3.411	1.599	37.0	
81.4	10.6	8.0	40.9	47.4	11.7	1.070	6.598	1.567	38.0	
78.7	2.8	18.5	40.1	35.8	24.1	1.033	17.83	1.332	39.2	
68.2	3.0	28.8	33.8	31.6	34.6	1.088	16.06	1.318	37.4	
51.7	11.5	36.8	25.9	35.1	39.0	1.252	5.368	1.302	34.7	
40.2	15.5	44.3	21.6	34.8	43.6	1.412	4.166	1.254	33.8	
34.0	16.5	49.5	18.4	33.8	47.8	1.432	3.840	1.241	33.6	
29.0	14.4	56.6	16.0	32.0	52.0	1.482	4.210	1.100	33.4	
29.2	10.3	60.5	15.9	30.2	53.9	1.441	5.498	1.146	33.6	
34.0	7.0	59.0	17.6	28.7	53.7	1.322	7.395	1.138	34.3	
23.3	7.6	69.1	13.2	27.1	59.7	1.489	6.618	1.101	33.8	180
16.3	4.6	79.1	10.0	23.4	66.6	1.566	9.174	1.052	34.3	
26.4	7.2	66.4	14.7	27.4	57.9	1.463	7.061	1.111	33.8	
20.7	27.4	51.9	14.0	34.2	51.8	1.858	2.428	1.321	32.9	
20.6	35.4	44.0	15.9	37.0	47.1	2.104	2.022	1.412	33.0	

Таблица № 2055 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гептан	этиловый спирт	бензол	гептан	этиловый спирт	бензол	гептан	этиловый спирт	бензол		
16.2	51.2	32.6	16.2	29.0	44.8	2.707	1.451	1.779	33.3	180
14.8	60.2	25.0	17.8	42.2	40.0	3.331	1.372	2.125	33.8	
9.8	70.1	20.1	16.2	45.3	38.5	4.220	1.161	2.377	34.4	
9.9	63.8	26.3	14.3	41.8	43.9	3.822	1.228	2.146	33.6	
27.5	30.6	41.9	18.5	36.5	45.0	1.821	2.272	1.391	33.3	
22.4	48.2	29.4	20.1	40.0	39.9	2.375	1.556	1.745	33.6	
24.9	53.4	21.7	23.9	43.3	32.8	2.451	1.462	1.889	34.3	
8.6	52.0	39.4	11.8	40.0	48.2	3.742	1.481	1.607	33.1	
33.8	46.9	19.3	27.7	44.3	28.0	2.049	1.663	1.783	34.7	
41.5	43.5	15.0	31.4	46.4	22.2	1.828	1.807	1.764	35.4	
52.5	32.3	15.2	33.0	46.7	20.3	1.498	2.433	1.582	35.6	
59.8	25.6	14.6	34.1	46.5	19.4	1.332	2.959	1.548	36.0	
5.6	6.2	88.2	4.3	24.0	71.7	2.032	7.258	1.045	33.6	
60.3	23.1	16.6	34.2	44.6	21.2	3.218	2.292	1.498	35.8	
72.6	11.9	15.5	36.3	43.4	20.3	1.132	5.784	1.482	36.7	
56.7	22.7	20.6	31.6	43.0	25.4	1.346	3.216	1.470	35.4	
14.5	71.8	13.7	23.5	48.7	27.8	3.970	1.174	2.451	35.1	
50.6	19.9	29.5	27.1	39.7	33.2	1.339	3.538	1.387	34.6	
40.4	29.3	30.3	24.5	39.5	36.0	1.559	2.463	1.495	34.1	
35.0	35.7	29.3	24.1	40.1	35.8	1.822	2.105	1.571	33.6	
87.2	6.2	6.6	45.0	45.4	9.6	1.055	10.34	1.500	38.9	
3.7	91.8	4.5	15.8	69.0	15.2	8.492	1.030	3.397	39.5	
19.1	28.0	52.9	13.4	34.1	52.5	1.943	2.383	1.318	32.8	
17.9	21.4	60.7	11.8	32.9	55.3	1.826	3.008	1.210	32.8	
3.2	39.6	57.2	3.5	34.4	62.1	3.112	1.737	1.470	32.4	
42.4	8.5	49.1	20.7	31.7	47.6	1.246	6.699	1.203	34.4	
2.3	33.1	64.6	2.3	33.2	64.5	2.933	2.005	1.349	32.4	
3.6	44.3	52.1	4.2	35.3	60.5	3.278	1.583	1.564	32.5	
4.5	32.4	63.1	4.3	33.4	62.3	2.705	2.059	1.336	32.4	

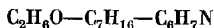
№ 2056

ЭТИЛОВЫЙ СПИРТ—ТОЛУОЛ—АНИЛИН

[609]

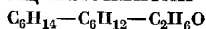


Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	толуол	анилин	этиловый спирт	толуол	анилин		
46.3	23.2	30.5	80.0	18.57	1.43	80.0	760
21.0	11.2	67.8	79.5	17.4	3.1	96.0	



Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	гептан	анилин	этиловый спирт	гептан	анилин		
43.7	22.2	34.1	67.9	32.0	0.14	74.0	760
44.0	16.5	39.5	61.6	37.5	0.9	74.5	
13.4	2.5	84.1	42.3	54.5	3.2	91.0	

№ 2058 ГЕКСАН—МЕТИЛЦИКЛОПЕНТАН—ЭТИЛОВЫЙ СПИРТ [652]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гексан	метил-циклопентан	этиловый спирт	гексан	метил-циклопентан	этиловый спирт	гексан	метил-циклопентан	этиловый спирт		
11.1	83.9	5.0	9.8	63.3	26.9	1.07	1.01	10.48	62.5	760
11.7	72.7	15.6	9.5	57.1	33.4	1.06	1.13	11.52	60.5	
10.2	60.6	29.2	9.9	54.7	35.4	1.29	1.31	2.59	60.2	
9.9	48.5	41.6	11.7	51.9	36.4	1.56	1.56	1.88	60.1	
9.6	38.2	52.2	13.4	48.3	38.3	1.84	1.83	1.57	60.2	
9.4	28.0	62.6	17.8	44.0	38.2	2.50	2.27	1.30	60.3	
8.5	18.4	73.1	21.4	37.1	41.5	3.20	2.84	1.17	61.1	
9.7	10.5	79.8	29.0	25.8	45.2	3.70	3.34	1.11	62.2	
15.9	8.9	75.2	40.9	18.4	40.7	3.35	2.97	1.14	60.5	
19.3	19.1	61.6	31.6	28.7	39.7	2.17	2.19	1.39	60.0	
18.8	27.5	53.7	26.2	35.5	38.3	1.87	1.89	1.55	59.8	
19.1	40.0	40.9	21.9	42.5	35.6	1.54	1.57	1.90	59.7	
21.5	63.4	15.1	18.4	49.6	32.0	1.12	1.13	4.52	60.3	
21.9	73.6	4.5	18.4	55.7	25.9	1.03	1.02	11.30	62.3	
32.9	63.1	4.0	26.7	49.0	24.3	1.00	1.05	11.70	62.3	
31.0	47.5	21.5	28.5	38.2	33.3	1.23	1.18	3.36	59.8	
31.4	39.8	28.8	29.8	35.0	34.2	1.28	1.35	2.63	59.4	
28.8	29.3	41.9	32.9	30.9	36.2	1.55	1.57	1.91	59.4	
26.7	18.9	54.4	38.4	24.7	36.9	1.95	1.95	1.51	59.3	
27.7	10.0	62.3	48.8	14.4	36.8	2.37	2.13	1.30	59.6	
38.3	9.7	52.0	52.6	11.8	35.6	1.89	1.84	1.54	59.0	
39.5	20.0	40.5	45.3	19.8	34.9	1.57	1.48	1.92	59.2	
41.5	30.9	27.6	38.9	26.8	34.3	1.27	1.30	2.76	59.3	
35.7	17.8	16.5	31.4	36.7	31.9	1.17	1.13	4.18	59.9	
42.2	18.0	9.8	35.4	34.6	30.0	1.10	1.04	6.49	60.3	
48.4	37.9	13.7	40.8	28.1	31.1	1.14	1.10	4.97	59.6	
51.6	32.5	15.9	43.5	25.9	30.6	1.14	1.19	4.28	59.3	
49.2	20.8	30.0	48.5	17.6	33.9	1.36	1.28	2.56	58.9	
47.0	10.3	42.7	54.6	10.7	34.7	1.60	1.58	1.84	58.9	

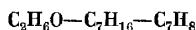
Таблица № 2058 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гексан	метил- цикло- пентан	этиловый спирт	гексан	метил- цикло- пентан	этиловый спирт	гексан	метил- цикло- пентан	этиловый спирт		
61.4	41.0	27.6	57.7	9.7	32.6	1.30	1.35	2.70	58.7	760
61.2	22.2	16.5	51.3	17.2	31.5	1.14	1.16	4.26	59.3	
62.4	32.7	4.9	48.9	24.5	26.6	1.01	1.06	11.18	60.9	
72.8	17.5	9.7	57.2	12.8	30.0	1.05	1.07	6.74	59.8	
71.2	11.8	17.0	59.3	8.5	32.2	1.14	1.08	4.25	59.1	
84.2	11.4	4.4	67.0	8.6	24.4	1.02	1.06	11.54	61.0	
93.1	5.7	1.2	79.9	4.6	15.5	1.00	1.03	22.91	64.0	
82.1	16.3	1.6	71.3	13.1	15.6	1.01	1.03	17.42	64.0	
71.4	27.1	1.5	62.3	22.1	15.6	1.00	1.03	18.80	64.5	
45.2	52.9	1.9	40.7	41.7	17.6	1.03	0.99	16.37	64.6	
17.0	81.5	1.5	15.3	68.2	16.5	1.01	1.02	18.58	65.4	
17.3	76.9	5.8	15.2	57.1	27.7	1.10	1.02	9.51	61.8	
10.1	46.8	43.1	13.1	50.5	36.4	1.73	1.58	1.83	59.9	
5.0	64.5	30.5	5.1	59.1	35.8	1.38	1.32	2.49	60.3	
4.6	31.9	63.5	8.3	50.7	41.0	2.38	2.27	1.35	60.7	
4.2	13.2	82.6	13.5	36.9	49.6	3.88	3.65	1.12	63.3	
4.2	3.9	91.9	23.5	18.7	57.8	5.94	5.51	0.99	67.1	
13.0	4.5	82.5	42.4	12.5	45.1	4.04	3.76	1.07	62.1	
42.1	2.7	55.2	56.9	6.5	36.6	1.85	3.65	1.50	59.0	
77.3	6.3	16.4	65.1	4.6	30.3	1.16	1.10	4.18	58.9	
7.7	60.0	32.3	8.3	56.5	35.2	1.43	1.36	2.31	60.3	
12.1	55.7	32.2	13.2	51.0	35.8	1.45	1.33	2.39	60.1	
16.4	50.0	33.6	17.5	48.0	34.5	1.42	1.41	2.22	59.9	
21.4	51.8	26.6	21.2	45.1	33.7	1.31	1.28	2.75	53.8	
28.3	36.0	35.7	30.3	34.6	35.1	1.45	1.43	2.18	59.4	
8.4	58.8	32.8	8.6	56.5	34.9	1.36	1.39	2.27	60.2	
33.2	29.5	37.3	36.2	28.6	35.2	1.48	1.45	2.09	59.4	
47.4	34.1	24.5	40.9	25.7	33.4	1.17	1.24	3.45	59.3	

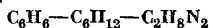
№ 2059

ЭТИЛОВЫЙ СПИРТ—ГЕНТАН—ТОЛУОЛ

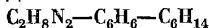
[609]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
этиловый спирт	гентан	толуол	этиловый спирт	гентан	толуол		
25.5	45.7	28.8	61.7	18.9	19.4	75.0	760
11.5	28.7	59.8	22.5	58.1	33.4	91.0	



Состав жидкости, мол. %						Состав пара, мол. %			t	P
циклогексановой слой			этилендиаминовый слой			бензол	циклогексан	этилендиамин		
бензол	циклогек- сан	этилен- диамин	бензол	циклогек- сан	этилен- диамин					
0	90.96	9.04	0	7.05	92.95	0	85.75	14.25	40	206.0
1.2	89.2	9.6	0.8	7.52	91.68	1.18	84.85	13.97		206.3
3.64	85.56	10.8	2.24	8.32	89.44	4.06	82.12	13.82		206.8
5.4	83.1	11.5	3.21	8.57	88.22	6.5	79.8	13.7		207.2
7.49	79.77	12.74	4.03	9.06	86.91	7.95	78.42	13.63		207.5
9.74	75.93	14.33	5.41	9.91	84.68	10.4	76.1	13.5		208.0
12.43	71.68	15.89	6.58	10.62	82.8	12.63	73.97	13.4	60	208.5
14.46	67.73	17.81	8.2	11.71	80.09	15.0	71.74	13.26		209.0
18.1	58.75	23.15	11.79	14.77	73.44	18.9	68.11	12.99		211.0
20.08	45.62	34.3	16.42	21.48	62.1	22.4	64.79	12.81		213.8
0	80.68	19.32	0	13.31	86.69	0	82.11	17.89		434.0
1.3	78.7	20.0	0.8	13.85	85.35	1.05	81.21	17.74		433.8
4.1	73.05	22.85	2.1	15.6	82.3	3.6	78.82	17.58		433.2
5.6	69.05	25.35	3.1	17.58	79.32	5.05	77.45	17.5		432.9
7.25	63.06	29.69	4.11	19.21	76.68	6.8	75.82	17.38		432.5
8.57	56.28	35.15	6.27	24.48	69.25	9.05	73.7	17.25		432.0



Состав жидкости, мол. %						Состав пара, мол. %			t	P
нижний слой			верхний слой			этилен- диамин	бензол	гексан		
этилен- диамин	бензол	гексан	этилен- диамин	бензол	гексан					
98.2	0.0	1.8	3.9	0.0	96.1	7.2	0.0	92.8	20	126
95.4	2.7	1.9	4.7	5.1	90.2	7.0	4.0	89.0		124
93.5	4.6	1.9	5.7	11.3	83.0	6.9	10.0	83.1		122
90.0	7.8	2.2	8.0	16.9	75.1	6.8	14.4	78.8		120
84.6	12.0	3.4	9.2	25.7	65.1	6.7	20.4	72.9		117
76.2	19.2	4.6	12.9	37.9	49.2	6.6	30.3	63.1		113
70.2	24.8	5.0	20.0	41.0	39.0	6.6	32.0	61.4		112
58.3	33.9	7.8	30.7	43.1	26.2	6.5	36.1	57.4		110
12.72	78.39	8.89	Гомогенная область			5.0	69.2	25.8		88.1
12.84	69.22	17.94				4.6	51.7	43.7		98.2
13.10	50.30	30.00				5.0	37.0	57.4		113.8
24.73	66.63	8.64				6.1	61.3	32.6		90.8
24.96	57.62	17.42				5.5	48.7	45.8		101.3
46.87	44.04	8.10				6.7	48.2	45.1		99.3
95.39	2.71	1.90				7.0	4.0	89.0		124
96.10	2.50	1.40				11.1	8.4	80.5		78
96.70	2.40	0.90				13.5	10.4	76.1		66



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метил-этилкетон	цикло-гексан	ацетон	метил-этилкетон	цикло-гексан		
4.0	25.5	70.5	10.9	31.2	57.9	70.5	760
4.5	48.5	47.0	8.4	43.7	47.9	70.5	
5.5	3.4	91.1	16.9	9.5	74.6	72.0	
5.5	16.0	78.5	15.1	24.5	60.4	70.2	
7.5	44.0	48.5	13.2	39.9	46.9	69.5	
7.5	62.5	30.0	12.1	50.5	37.4	70.6	
9.5	84.1	6.4	15.6	73.0	11.4	74.1	
11.1	38.4	50.5	18.2	34.6	47.2	68.2	
11.5	41.6	46.9	17.8	37.6	44.6	68.4	
11.5	50.6	37.9	17.4	43.2	39.4	68.8	
13.1	74.9	12.0	22.4	58.0	19.6	71.8	
13.5	20.4	66.1	27.1	22.5	50.4	66.7	
14.5	26.0	59.5	26.9	25.9	47.2	66.6	
15.5	27.5	57.0	29.1	25.7	45.2	66.3	
15.5	48.4	36.1	25.6	36.9	37.5	67.9	
15.5	68.4	16.1	25.0	52.9	22.1	70.6	
17.2	37.8	45.0	30.1	29.0	40.9	66.7	
18.1	3.4	78.5	41.8	7.8	50.4	62.6	
21.2	15.7	63.1	44.9	11.5	43.6	62.9	
22.0	23.9	54.1	40.2	18.6	41.2	63.8	
22.1	67.4	10.5	36.1	47.8	16.1	68.9	
22.5	55.5	22.0	34.5	39.1	26.4	67.9	
23.1	62.4	14.5	35.4	45.2	19.4	68.8	
25.0	15.5	59.5	47.1	12.2	40.7	61.6	
25.1	29.4	45.5	41.1	20.7	38.2	63.2	
26.1	47.4	26.5	40.1	31.8	28.1	66.0	
29.5	31.1	39.4	47.1	18.8	34.1	62.6	
30.5	3.0	66.5	62.5	2.1	35.4	57.5	
31.5	61.0	7.5	47.6	41.0	11.4	68.1	
33.5	46.0	20.5	49.0	27.8	23.2	64.8	
34.1	52.4	13.5	40.1	33.9	17.0	66.2	
34.5	6.0	59.5	60.9	4.3	34.8	57.1	
34.5	34.0	31.5	51.4	19.5	29.1	62.1	
35.0	9.5	55.5	60.2	5.7	34.1	57.9	
37.5	26.5	36.0	53.5	15.5	31.0	60.3	
37.5	47.3	15.2	52.4	28.5	19.1	64.8	
38.8	29.4	31.8	55.1	16.4	24.1	60.7	
39.0	8.5	52.5	64.9	3.0	32.1	56.9	
41.0	14.0	45.0	45.0	63.2	6.1	57.4	
41.5	38.0	20.5	57.1	20.4	22.5	62.0	
43.1	41.4	15.5	58.6	23.8	17.6	62.9	
43.8	49.1	7.1	59.8	29.6	10.6	65.1	
44.3	30.4	25.3	59.5	12.0	28.5	60.1	
45.0	19.0	36.0	64.2	7.9	27.9	57.9	
45.5	25.0	29.5	62.1	11.9	26.0	59.0	
47.0	25.1	27.9	63.5	12.1	24.4	58.9	
49.0	12.0	39.0	67.8	4.3	27.0	55.8	
51.1	36.4	12.5	65.7	18.6	15.7	61.0	

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	метил-этилкетон	цикло-гексан	ацетон	метил-этилкетон	цикло-гексан		
51.5	7.5	41.0	70.6	4.8	27.6	54.8	760
54.5	21.0	24.5	68.1	8.5	23.4	57.2	
55.5	13.5	31.0	70.0	4.0	26.0	55.5	
55.9	37.0	7.1	70.4	19.0	10.6	61.7	
58.5	25.3	16.2	69.9	11.2	18.9	58.3	
60.0	20.0	20.0	71.0	7.3	21.7	57.0	
63.1	16.8	20.1	72.4	6.0	21.6	55.9	
64.5	29.0	6.5	75.2	16.2	8.6	60.0	
69.2	24.3	6.5	77.4	11.4	11.2	58.8	
73.5	10.5	16.0	83.0	1.4	15.6	54.8	
80.5	14.9	4.6	85.1	6.5	8.4	57.4	
88.0	1.9	10.1	83.0	1.2	15.8	53.8	
92.0	3.9	4.1	90.1	2.3	7.6	55.6	

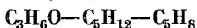
№ 2063

АЦЕТОН—ТРИМЕТИЛЭТИЛЕН—ИЗОПРЕН

[189]



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	триметил-этилен	изопрен	ацетон	триметил-этилен	изопрен	ацетон	триметил-этилен	изопрен		
13.5	65.3	21.2	16.0	61.8	22.2	2.59	1.064	1.041	35.10	760
29.1	53.5	17.4	23.6	57.9	18.5	1.755	1.205	1.020	35.31	
44.5	40.8	13.7	30.1	53.4	16.5	1.415	1.410	1.120	36.20	
61.1	29.4	9.5	38.0	48.4	13.6	1.205	1.660	1.248	38.15	
76.1	18.2	5.7	50.8	39.1	10.1	1.135	1.930	1.380	41.58	
90.8	7.0	2.2	73.1	21.5	5.4	1.062	2.21	1.535	48.42	
12.9	43.0	43.5	14.1	42.3	43.6	2.43	1.109	0.984	34.64	
29.4	36.3	34.3	23.0	38.6	38.4	1.720	1.210	1.078	34.95	
45.6	27.1	27.3	20.6	36.8	33.6	1.347	1.458	1.138	36.38	
61.5	19.7	18.8	38.4	33.3	28.3	1.200	2.24	1.298	38.40	
77.0	11.5	11.5	51.0	28.0	21.0	1.100	2.15	1.390	42.19	
14.5	21.2	64.3	14.0	20.6	65.4	2.19	1.125	1.010	34.24	
30.2	18.3	51.5	21.7	20.0	58.3	1.581	1.236	1.102	34.89	
45.0	14.5	40.5	29.3	18.9	51.8	1.350	1.394	1.180	36.50	
51.1	12.8	36.1	32.2	18.2	49.6	1.270	1.490	1.240	37.12	
61.8	10.0	28.2	38.1	16.9	45.0	1.110	1.671	1.361	38.78	
75.5	6.6	17.9	51.1	14.3	34.6	1.133	1.921	1.485	41.94	



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
ацетон	изопентан	изопрен	ацетон	изопентан	изопрен	ацетон	изопентан	изопрен		
4.5	70.4	25.1	7.2	71.6	21.2	4.83	1.044	1.081	27.10	760
15.7	61.9	22.4	13.6	67.7	18.7	2.65	1.131	1.076	26.90	
27.5	53.2	19.3	16.1	68.5	15.4	1.755	1.185	1.020	27.15	
53.6	33.6	12.8	24.5	62.8	12.7	1.287	1.805	1.189	28.90	
62.8	26.9	10.3	26.9	61.2	11.9	1.140	2.10	1.340	30.24	
84.2	11.3	4.5	44.3	47.5	8.2	1.054	3.07	1.635	37.31	
2.9	46.3	50.8	5.5	51.6	42.9	5.35	1.081	1.016	28.80	
15.1	40.4	44.5	10.7	50.6	38.7	2.02	1.216	1.052	28.70	
25.8	35.2	39.0	15.6	49.6	34.8	1.695	1.355	1.064	29.02	
42.7	27.3	30.0	22.6	46.8	30.6	1.248	1.590	1.170	30.15	
61.3	18.0	20.7	28.6	45.7	25.7	1.130	2.165	1.880	32.52	
84.1	7.0	8.9	48.8	33.5	17.7	1.043	3.21	1.620	40.07	
13.7	20.6	65.7	11.2	28.1	60.7	2.11	1.231	1.030	30.96	
23.5	17.4	59.1	14.9	27.0	58.1	1.606	1.381	1.081	31.36	
49.8	11.3	38.9	26.9	26.2	46.9	1.246	1.903	1.210	33.73	



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	бензол	хлорбензол	ацетон	бензол	хлорбензол		
2.0	2.8	94.6	18.5	8.8	72.7	121.8	760
2.8	6.6	90.6	18.2	19.2	62.6	117.9	
3.2	12.2	84.6	19.8	29.3	50.9	113.0	
3.2	21.0	75.8	17.8	43.8	38.4	107.3	
3.1	31.7	65.2	15.2	56.4	28.4	101.5	
4.2	41.3	54.5	16.8	63.8	19.4	95.5	
4.6	53.2	42.2	17.3	70.1	12.6	90.0	
4.9	65.0	30.1	16.6	75.7	7.7	85.4	
5.4	78.1	16.5	16.4	79.8	3.8	81.0	
6.7	87.4	5.9	18.9	79.9	1.2	77.2	
7.2	4.6	88.2	40.4	10.6	49.0	109.9	
8.0	12.9	79.1	38.5	25.0	36.5	103.8	
8.8	13.8	77.4	41.9	25.1	33.0	102.0	
8.8	21.0	70.2	38.3	34.2	27.5	98.4	
8.2	29.8	62.0	32.9	45.5	21.6	95.0	
8.5	39.2	52.3	31.2	52.9	15.9	91.0	
8.8	49.4	41.8	29.3	59.5	11.2	86.6	
10.4	58.8	30.8	30.0	62.8	7.2	82.2	

Таблица № 2065 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	бензол	хлор-бензол	ацетон	бензол	хлор-бензол		
11.4	70.1	18.5	29.8	66.4	3.8	78.0	760
11.9	79.4	8.7	29.2	69.2	1.6	75.3	
14.8	4.5	80.7	62.2	6.8	31.0	98.2	
12.9	7.8	79.3	55.4	12.7	31.9	99.2	
18.6	9.8	71.6	64.4	13.2	22.4	91.2	
17.3	20.6	62.1	56.1	26.4	17.5	88.6	
17.5	30.6	51.9	51.9	35.0	13.1	84.8	
14.0	31.6	54.4	44.9	39.3	15.8	87.6	
18.2	40.3	41.5	49.2	41.4	9.4	80.8	
18.4	50.6	31.0	45.6	48.2	6.2	77.7	
19.0	60.2	20.8	43.2	52.8	4.0	75.2	
19.5	69.4	11.1	41.4	56.8	1.8	72.6	
30.2	4.2	65.6	79.3	4.3	16.4	83.2	
27.3	11.0	61.7	72.9	12.2	14.9	83.1	
25.3	21.2	53.5	65.7	22.3	12.0	81.2	
26.6	31.1	42.3	61.8	29.8	8.4	77.8	
27.8	41.3	31.9	58.6	35.8	5.6	74.2	
28.9	51.5	19.6	55.5	41.3	3.2	71.4	
28.0	59.6	12.4	52.4	45.6	2.0	70.1	
36.4	10.3	53.3	79.3	9.9	10.8	77.5	
36.4	21.4	42.2	73.6	18.9	7.5	74.4	
37.4	30.8	31.8	69.4	25.4	5.2	71.7	
37.7	41.2	21.1	65.2	31.4	3.4	69.4	
39.2	50.6	10.2	62.3	36.2	1.5	67.0	
51.4	5.4	43.2	88.4	4.2	7.4	70.9	
47.8	10.6	41.6	84.1	8.9	7.0	71.5	
47.2	20.5	32.3	78.6	16.2	5.2	69.5	
48.2	30.5	21.3	74.0	22.7	3.3	67.3	
48.5	40.0	11.5	70.5	27.9	1.6	65.2	
57.4	10.8	31.8	87.0	8.1	4.9	67.5	
59.6	20.0	20.4	82.6	14.5	2.9	65.0	
59.2	30.3	10.5	77.9	20.6	1.5	63.1	
69.9	3.6	26.5	93.6	2.4	4.0	64.6	
74.0	9.6	16.4	91.0	6.7	2.3	62.1	
71.4	15.6	13.0	87.5	10.6	1.9	61.8	
86.1	6.7	7.2	94.4	4.6	1.0	59.1	

№ 2066

АЦЕТОН—БЕНЗОЛ—ЦИКЛОГЕКСАН

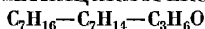
[697]



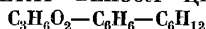
Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	бензол	цикло-гексан	ацетон	бензол	цикло-гексан		
5.5	93.0	1.5	13.6	81.5	4.9	77.6	760
1.5	88.5	10.0	3.9	81.4	14.7	77.8	
3.0	83.0	14.0	8.5	73.9	17.6	77.3	

Таблица № 2066 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
ацетон	бензол	цикло-гексан	ацетон	бензол	цикло-гексан		
8.5	71.5	20.0	18.6	57.4	24.0	72.4	760
18.5	65.5	16.0	36.8	46.6	16.6	68.2	
12.5	61.5	26.0	28.2	45.7	26.1	69.5	
11.0	57.0	32.0	26.9	43.2	29.9	69.7	
7.5	52.5	40.0	20.1	43.0	36.9	71.5	
16.5	46.5	37.0	35.4	31.6	33.0	66.9	
22.0	43.0	35.0	45.9	26.2	27.9	64.8	
31.5	37.5	31.0	55.2	20.4	24.4	62.4	
37.0	34.0	29.0	59.1	17.7	23.2	61.1	
42.5	31.0	26.5	63.1	15.6	21.3	68.7	
49.0	27.5	23.5	66.1	13.1	20.3	58.3	
42.0	33.5	24.5	61.8	17.6	20.6	60.1	
10.3	38.0	22.0	60.5	20.8	22.7	61.3	
35.5	48.5	16.0	55.9	27.6	16.5	63.4	
30.5	54.0	15.5	51.7	33.4	14.9	64.7	
34.5	52.0	13.5	54.6	31.0	14.4	64.0	
40.0	47.0	13.0	59.2	28.1	12.7	62.6	
47.0	43.0	10.0	36.4	29.4	34.2	61.6	
53.5	37.5	9.0	68.1	21.5	10.4	60.5	
59.0	32.5	8.5	70.5	17.5	12.0	59.8	
63.5	30.5	6.0	73.8	17.4	8.8	59.5	
58.5	28.5	13.0	70.2	13.2	16.6	58.8	
53.5	26.0	20.5	68.7	11.6	19.7	57.8	
48.5	23.5	28.0	66.5	10.2	23.3	57.8	
43.0	21.5	35.3	65.0	9.6	25.4	57.9	
36.5	19.5	44.0	62.5	8.4	29.1	58.4	
31.0	25.5	43.5	58.5	12.2	29.3	60.5	
27.0	34.1	38.9	52.0	19.4	28.6	62.6	
22.5	31.5	46.0	48.2	18.3	33.5	63.7	
17.0	28.0	55.0	42.7	17.4	39.9	64.9	
13.1	33.6	53.3	33.6	24.5	41.0	67.2	
10.2	41.5	48.3	28.0	31.4	40.6	68.9	
9.5	37.0	53.5	26.2	29.1	56.7	69.1	
91.1	6.5	2.4	88.0	2.2	9.8	56.0	
83.5	13.0	3.5	82.6	5.7	11.7	56.8	
76.0	20.0	4.0	80.1	10.2	9.7	57.7	
72.0	18.0	10.0	77.2	8.4	14.4	56.4	
68.0	17.5	14.5	74.8	7.5	17.7	55.8	
70.0	19.5	16.5	75.4	5.5	19.1	54.8	
74.5	11.5	14.0	76.8	4.4	18.8	54.7	



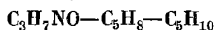
Состав жидкости, мол. %			Состав пара, мол. %			t	P
гептан	метилциклогексан	ацетон	гептан	метилциклогексан	ацетон		
0.00	83.85	16.15	0.00	33.50	66.50	Нет данных	760
6.05	80.70	13.25	2.95	36.55	60.50		
12.00	74.65	13.35	5.85	33.95	60.20		
17.30	70.90	11.80	8.85	32.15	59.00		
23.35	64.70	11.95	11.55	29.75	58.70		
35.95	53.50	10.55	23.05	32.75	44.20		
43.50	45.85	10.65	21.25	21.25	57.50		
47.10	38.85	14.05	19.35	15.35	65.30		
53.50	32.35	14.15	20.60	12.05	67.35		
58.50	26.35	15.15	22.05	10.45	67.50		
63.40	22.25	14.35	25.90	9.05	65.05		
64.40	18.65	16.95	25.45	7.20	67.35		
71.35	12.40	16.25	25.10	4.35	70.55		
75.40	9.10	15.50	34.20	4.10	61.70		
79.15	6.20	14.65	35.35	2.80	61.85		
80.85	4.45	14.70	36.10	2.00	61.90		



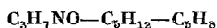
Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метил-ацетат	бензол	цикло-гексан	метил-ацетат	бензол	цикло-гексан	метил-ацетат	бензол	цикло-гексан		
6.7	87.4	5.9	15.4	77.3	7.3	1.277	1.038	1.385	75.0	760
23.7	68.5	7.8	41.3	50.3	8.4	1.168	1.063	1.560	68.9	
21.3	73.2	5.5	39.4	54.2	6.4	1.216	1.037	1.653	69.5	
16.7	79.0	4.3	31.8	61.4	6.8	1.185	1.028	2.121	71.3	
32.8	59.4	7.8	51.8	39.2	9.0	1.171	1.047	1.852	65.8	
42.7	48.8	8.5	60.1	30.2	9.7	1.136	1.072	1.996	63.2	
51.8	41.6	6.6	66.7	25.8	7.5	1.075	1.114	2.059	62.2	
59.6	32.2	8.2	70.8	17.8	11.4	1.040	1.044	2.645	60.8	
70.8	22.2	7.0	77.6	12.8	9.6	1.015	1.153	2.765	59.1	
80.7	15.1	4.2	84.8	9.2	6.0	0.994	1.255	2.962	58.3	
79.3	13.6	7.1	82.0	7.0	9.2	1.014	1.223	2.743	57.7	
8.1	79.0	12.9	17.9	67.6	14.5	1.253	1.027	1.369	74.3	
12.5	71.5	16.0	26.7	56.7	16.6	1.317	1.039	1.378	71.6	
21.2	64.6	14.2	38.1	47.5	14.4	1.190	1.045	1.458	69.0	
31.4	54.6	14.0	49.7	36.0	14.3	1.186	1.057	1.655	65.5	

Таблица № 2068 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метил- ацетат	бензол	цикло- гексан	метил- ацетат	бензол	цикло- гексан	метил- ацетат	бензол	цикло- гексан		
40.7	48.0	11.3	57.3	30.9	11.8	1.107	1.086	1.778	64.0	760
47.9	37.9	14.2	63.2	22.6	14.2	1.128	1.096	1.856	61.5	
66.8	20.6	12.6	74.9	11.4	13.7	1.114	1.130	2.255	58.3	
73.4	12.9	13.7	77.2	7.2	15.6	1.027	1.185	2.427	57.5	
7.7	71.0	21.3	18.3	59.7	22.0	1.386	1.039	1.295	73.4	
13.7	64.5	21.8	28.8	49.4	21.8	1.333	0.987	1.367	70.7	
21.4	55.7	22.9	38.4	39.4	22.2	1.242	1.047	1.450	67.9	
29.6	47.4	23.0	47.9	31.0	21.1	1.228	1.062	1.506	65.1	
41.3	39.0	19.7	58.6	23.1	18.3	1.184	1.004	1.083	62.2	
50.0	27.9	22.1	62.8	17.7	19.5	1.110	1.211	1.696	60.5	
59.8	20.7	19.5	70.2	11.8	18.0	1.116	1.174	1.914	58.3	
71.5	9.2	19.3	76.1	5.0	18.9	1.064	1.184	2.139	56.8	
8.6	62.0	29.4	21.0	50.5	28.5	1.474	1.043	1.260	72.3	
15.1	85.5	29.4	31.6	41.6	26.8	1.385	1.058	1.303	69.3	
19.2	50.6	30.2	38.0	35.5	26.5	1.392	1.056	1.331	67.4	
33.8	89.6	26.6	52.5	24.4	23.1	1.242	1.057	1.507	63.5	
39.7	32.2	28.1	57.9	18.6	23.5	1.251	1.068	1.558	61.4	
51.1	19.7	29.2	65.1	10.9	24.0	1.184	1.111	1.661	59.0	
63.5	9.4	27.1	72.0	4.6	23.4	1.134	1.066	1.886	56.8	
6.1	58.0	35.9	15.0	50.0	35.0	1.421	1.055	1.212	73.7	
4.0	58.6	37.4	11.1	51.0	37.9	1.554	1.031	1.220	74.7	
13.0	49.5	37.5	30.0	37.5	32.5	1.522	1.065	1.235	69.4	
23.2	36.7	40.1	44.1	24.4	31.5	1.438	1.076	1.285	65.2	
29.8	32.5	37.7	51.1	19.8	29.1	1.398	1.068	1.365	62.9	
39.8	22.0	38.2	58.5	12.7	28.8	1.295	1.098	1.443	60.6	
51.0	12.0	37.0	66.1	6.4	27.5	1.252	1.120	1.567	57.8	
5.3	47.2	47.5	16.2	41.2	42.6	1.834	1.111	1.172	72.5	
12.5	40.2	47.3	31.0	30.7	38.3	1.673	1.099	1.480	68.7	
5.7	48.9	45.4	15.8	43.0	41.2	1.663	1.119	1.158	72.5	
12.7	40.0	47.3	31.3	30.6	38.1	1.663	1.101	1.173	68.7	
7.3	43.9	48.8	21.0	37.0	42.0	1.971	1.234	1.275	71.2	
19.6	29.9	50.5	42.0	21.0	37.0	1.589	1.114	1.176	65.8	
28.0	20.4	51.6	51.8	12.7	35.5	1.555	1.125	1.255	62.0	
45.1	8.2	46.7	63.6	4.4	32.0	1.341	1.105	1.421	58.3	
12.5	27.7	59.8	33.4	21.5	45.1	1.844	1.145	1.125	68.0	
5.2	37.4	57.4	16.1	34.1	49.8	1.813	1.130	1.092	73.3	
13.2	32.3	54.5	33.6	24.3	42.1	1.745	1.102	1.144	68.2	
25.0	20.1	54.5	49.9	12.8	37.3	1.639	1.124	1.210	62.7	
30.0	11.3	58.9	56.9	7.6	35.5	1.654	1.262	1.146	60.9	
4.3	29.7	66.0	14.7	28.6	56.7	1.959	1.124	1.057	74.0	
11.5	19.3	60.2	33.5	16.0	50.5	2.016	1.215	1.092	67.9	
21.5	12.0	66.5	48.4	8.0	43.6	1.954	1.173	1.164	62.8	
6.5	22.1	71.4	21.8	21.0	57.2	2.099	1.224	1.048	71.1	
10.9	10.8	78.3	35.4	8.8	55.8	2.199	1.177	1.042	68.6	
92.0	3.6	4.4	91.2	2.0	6.8	0.998	1.219	3.399	56.6	

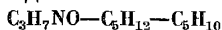


Содержание диметилформ- амида в жидкости, мол. %	Содержание изопрена в углеводородной части, мол. %		<i>t</i>	<i>P</i>
	в жидкости	в паре		
13.9	24.8	24.0	39.10	760
28.7		23.1	40.35	
42.6		21.2	41.38	
57.8		19.1	43.30	
72.6		17.5	48.38	
13.4	50.6	50.0	38.10	
28.0		47.7	39.68	
42.5		44.7	41.19	
57.5		41.9	43.72	
72.8		39.1	49.75	
86.7	76.0	38.9	76.00	
13.3		74.5	37.21	
27.9		73.1	39.03	
42.2		71.2	40.96	
61.1		69.8	44.20	
72.5		67.6	51.57	
88.5		67.0	77.5	



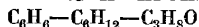
Содержание диметилформ- амида в жидкости, мол. %	Содержание изопентана в углеводородной части, мол. %		<i>t</i>	<i>P</i>
	в жидкости	в паре		
13.9	25.9	36.0	33.30	760
28.1		40.0	34.28	
43.2		43.3	35.27	
58.2		47.2	37.11	
73.2		50.0	43.00	
14.3	50.0	60.6	31.30	
29.6		63.8	31.68	
44.1		68.1	31.85	
59.0		72.1	32.25	
73.9		75.4	35.44	
15.0	75.8	82.2	29.54	
30.1		84.5	29.55	
45.3		86.4	29.15	
59.9		88.4	29.04	
74.0		90.8	30.01	
86.0		91.6	35.00	

ДИМЕТИЛФОРМАМИД—ИЗОПЕНТАН—ТРИМЕТИЛЭТИЛЕН



Содержание диметилформамида в жидкости, мол. %	Содержание изопентана в углеводородной части, мол.		<i>t</i>	<i>P</i>
	в жидкости	в паре		
14.5	50.0	60.9	33.66	760
29.8		63.1	33.66	
44.6		64.3	33.47	
59.4		66.2	33.75	
74.3		68.0	34.55	

БЕНЗОЛ—ЦИКЛОГЕКСАН—ПРОПИЛОВЫЙ СПИРТ



Состав жидкости, мол. %			Состав пара, мол.			Коэффициенты активности			<i>t</i>	<i>P</i> , ата
бензол	цикло-гексан	пропиловый спирт	бензол	цикло-гексан	пропиловый спирт	бензол	цикло-гексан	пропиловый спирт		
5.2	5.6	89.2	6.1	7.5	86.4	1.373	1.629	0.989	191.8	14.74
7.0	7.2	85.8	8.4	9.6	82.0	1.424	1.642	0.903	100.8	
7.3	84.4	8.3	7.5	78.0	14.5	1.023	0.948	1.448	203.0	
9.6	13.0	80.4	10.7	16.5	72.8	1.373	1.625	1.028	188.4	
10.2	15.0	74.8	11.6	18.0	70.4	1.400	1.536	1.029	188.4	
12.8	25.0	62.2	12.1	26.7	61.2	1.284	1.412	1.219	181.9	
14.0	19.0	67.0	14.4	21.8	63.8	1.298	1.507	1.075	186.9	
14.8	70.4	14.8	14.2	62.0	23.8	1.178	1.423	1.749	188.7	
16.3	27.0	56.7	16.3	28.0	57.7	1.281	1.383	1.128	185.9	
17.2	69.8	13.0	16.5	65.3	18.2	1.075	1.085	1.344	194.8	
18.6	76.2	5.2	18.7	72.3	9.0	1.058	1.031	1.533	199.0	
19.0	29.6	51.4	17.3	30.5	52.2	1.160	1.366	1.158	186.3	
19.2	69.0	11.8	18.0	61.0	21.0	1.051	1.025	1.709	194.8	
20.0	28.6	51.4	18.7	28.7	52.6	1.196	1.336	1.170	186.1	
20.0	20.0	51.0	18.4	29.0	52.6	1.198	1.346	1.199	185.2	
20.2	52.8	27.0	16.5	47.0	36.5	1.049	1.152	1.500	187.7	
21.8	30.5	47.7	21.0	30.0	49.0	1.234	1.312	1.180	185.9	
22.0	67.7	40.3	22.0	67.7	40.3	1.008	1.058	1.628	194.3	
23.3	23.7	53.0	22.0	24.0	34.0	1.202	1.342	1.161	186.3	
24.1	26.8	49.1	22.3	27.0	50.7	1.168	1.232	1.165	186.9	
25.0	69.4	5.6	24.0	63.6	12.4	1.010	0.976	1.966	199.0	
26.5	65.0	8.5	25.2	58.9	15.9	1.042	1.025	1.749	196.2	
27.0	51.6	21.4	24.3	43.7	32.0	1.123	1.096	1.659	187.7	
27.6	21.4	51.0	25.7	21.8	52.5	1.175	1.238	1.162	186.9	
27.7	21.0	51.3	25.5	21.5	53.0	1.162	1.345	1.166	186.9	
28.4	14.8	56.8	27.6	15.4	57.0	1.212	1.347	1.113	187.7	

Таблица № 2072 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P, ата
бензол	цикло- гексан	пропило- вый спирт	бензол	цикло- гексан	пропило- вый спирт	бензол	цикло- гексан	пропило- вый спирт		
29.4	15.7	54.9	28.2	16.6	55.2	1.192	1.363	1.110	188.0	14.74
32.0	13.3	54.7	30.0	14.6	55.4	1.154	1.405	1.107	188.4	
32.2	46.4	21.4	28.5	40.5	31.0	1.043	1.065	1.490	191.4	
33.0	26.0	41.0	33.0	25.8	41.2	0.999	1.071	1.059	196.0	
33.6	17.0	49.4	30.7	17.3	52.0	1.159	1.344	1.194	186.5	
35.2	28.4	36.4	31.1	24.9	44.0	1.132	1.170	1.389	185.9	
37.2	23.8	39.0	33.2	22.6	44.2	1.113	1.229	1.326	187.7	
39.2	27.8	33.0	34.0	25.0	41.0	1.067	1.151	1.363	188.4	
39.3	18.2	42.5	35.0	18.0	47.0	1.111	1.280	1.226	187.7	
41.5	44.5	14.0	37.6	39.8	22.6	1.049	1.072	1.619	192.6	
43.6	4.4	52.0	41.5	5.0	53.5	1.172	1.455	1.125	188.4	
44.4	19.8	35.8	39.4	18.8	41.8	1.088	1.209	1.266	188.7	
44.5	11.5	44.0	40.5	11.0	48.5	1.118	1.217	1.227	188.7	
46.4	39.6	14.0	41.8	37.7	20.5	1.037	1.134	1.457	193.0	
50.0	12.1	37.9	45.0	12.1	42.9	1.117	1.289	1.250	188.0	
51.0	10.0	39.0	46.0	9.7	44.3	1.089	1.230	1.229	189.0	
51.8	30.5	17.7	46.0	28.0	26.0	1.048	1.124	1.518	191.2	
52.1	33.5	14.4	47.0	30.0	23.0	1.044	1.063	1.602	192.6	
52.7	7.6	39.7	47.4	8.1	44.5	1.108	1.364	1.225	188.4	
52.7	18.3	29.0	46.5	18.0	35.5	1.047	1.210	1.272	190.8	
56.6	33.4	10.0	53.0	33.0	14.0	1.043	1.138	1.336	195.1	
59.7	8.0	32.3	52.3	5.0	42.7	1.092	1.402	1.199	190.1	
62.1	22.0	15.9	55.6	21.0	23.4	1.030	1.137	1.464	193.0	
68.3	7.7	24.0	61.0	6.6	32.4	1.066	1.063	1.416	190.4	
68.6	22.4	9.0	64.4	23.6	12.0	1.034	1.202	1.255	195.9	
69.5	6.0	24.5	62.0	5.0	33.0	1.053	1.016	1.392	191.2	
69.8	16.4	13.8	63.2	14.8	22.0	1.036	1.070	1.578	193.3	
70.6	4.4	25.0	63.0	3.7	33.3	1.053	1.030	1.377	191.2	
72.2	3.8	24.0	65.0	4.7	30.3	1.059	1.347	1.317	191.5	
74.2	3.8	22.0	67.7	4.3	28.0	1.066	1.362	1.292	192.0	
75.4	9.7	14.9	69.4	11.3	19.3	1.020	1.334	1.230	195.4	
77.4	3.8	18.8	71.2	5.0	23.8	1.039	1.566	1.260	193.0	
78.0	17.5	4.5	75.5	18.5	6.0	1.054	1.192	1.239	196.6	
78.6	13.4	8.0	74.0	13.6	12.4	1.017	1.131	1.419	197.3	
79.0	8.8	12.2	73.8	8.4	17.8	1.023	1.080	1.364	196.2	
86.0	10.0	4.0	82.6	11.2	6.2	0.994	1.198	1.352	198.6	
89.0	6.4	4.6	86.1	8.0	5.9	1.001	1.338	1.118	198.6	

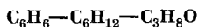
ТАБЛИЦА № 2072 (продолжение)
 КОНСТАНТЫ ВАН-ДЕР-ВААЛС ПРИ РАЗНЫХ ДАВЛЕНИЯХ ДЛЯ СИСТЕМЫ БЕНЗОЛ—ЦИКЛОГЕКСАН—
 ПРОПИЛОВЫЙ СМЕСЬ

$P, \text{ атм}$	A_{12}	B_{12}	A_{23}	B_{23}	A_{13}	B_{13}	A_{32}	$\sqrt{B_{12}}$	$\sqrt{B_{21}}$	$\sqrt{B_{23}}$	$\sqrt{B_{32}}$	$\sqrt{B_{13}}$	$\sqrt{B_{31}}$
4.536	0.7410	77.62	1.239	391.0	0.755	276.5	0.807	8.810	-10.235	-19.77	17.77	-16.63	19.14
7.936	0.6552	58.72	0.971	351.1	1.044	243.2	1.030	7.663	-9.468	-18.73	19.01	-15.60	15.26
11.268	0.5320	45.75	0.941	341.8	0.889	220.4	1.063	6.764	-9.273	-18.49	19.06	-14.84	15.74
14.736	0.5530	46.10	0.988	268.6	0.947	220.5	1.012	6.790	-9.131	-16.39	16.49	-14.16	14.55

$$T \ln \gamma_1 = \frac{(x_2 \sqrt{B_{12}} + x_3 A_{32} \sqrt{B_{13}})^2}{(x_1 A_{12} + x_2 + x_3 A_{32})^2}$$

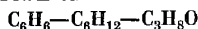
$$T \ln \gamma_2 = \frac{(x_1 A_{12} \sqrt{B_{21}} + x_3 A_{32} \sqrt{B_{23}})^2}{(x_1 A_{12} + x_2 + x_3 A_{32})^2}$$

$$T \ln \gamma_3 = \frac{(x_1 A_{12} \sqrt{B_{32}} + x_2 \sqrt{B_{33}})^2}{(x_1 A_{12} + x_2 + x_3 A_{32})^2}$$



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло-гексан	пропило-вый спирт	бензол	цикло-гексан	пропило-вый спирт		
8.1	7.5	84.4	21.0	24.2	54.8	84.40	760
8.4	15.5	76.1	17.2	38.9	43.9	80.23	
16.6	7.7	75.7	34.2	20.8	45.0	81.22	
17.2	15.9	66.9	31.1	37.4	31.5	77.90	
8.9	33.1	58.0	12.8	55.1	32.1	76.00	
17.7	24.7	57.0	25.0	41.7	33.3	76.20	
26.4	16.4	57.2	37.4	30.1	32.5	76.80	
35.0	8.1	56.9	52.8	15.6	31.6	77.48	
18.1	34.1	47.8	23.2	47.2	29.6	74.92	
36.2	16.8	47.0	45.0	26.9	28.1	75.88	
9.5	53.2	37.3	10.9	60.7	28.4	74.40	
19.0	44.0	37.0	22.0	52.6	25.4	74.30	
28.3	35.0	36.7	30.7	43.4	25.9	74.45	
37.4	26.1	36.3	40.1	34.1	25.8	74.80	
46.5	17.3	36.2	50.3	24.0	25.7	—	
55.4	8.6	36.0	60.4	12.2	27.4	75.22	
9.9	64.4	25.7	10.8	62.9	26.3	76.30	
19.7	54.8	25.5	20.6	55.4	24.0	74.35	
29.3	45.3	25.4	29.6	48.3	22.1	74.03	
38.8	36.0	25.2	38.4	38.1	23.5	74.00	
48.2	26.8	25.0	46.7	31.5	21.8	74.45	
57.4	17.8	24.8	55.7	21.2	23.1	75.14	
66.5	8.8	24.7	65.2	10.8	24.0	76.15	
20.4	66.3	13.3	20.1	59.3	20.6	64.15	
40.2	46.7	13.1	36.5	43.5	20.0	74.32	
49.9	37.1	13.0	45.0	37.1	17.9	74.38	
68.9	18.3	12.8	60.9	20.3	18.8	75.27	

№ 2074 БЕНЗОЛ—ЦИКЛОГЕКСАН—ИЗОПРОПИЛОВЫЙ СПИРТ [227]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло-гексан	изопропи-ловый спирт	бензол	цикло-гексан	изопропи-ловый спирт		
0	0	100	0.0	0.0	100.0	40	406
20	20	60	30.2	36.9	32.9		231
20	40	40	23.7	48.2	28.1		244
40	20	40	43.6	27.5	28.9		238
40	40	20	36.9	40.6	22.5		246
60	20	20	53.1	23.1	23.8		238
20	60	20	20.4	55.4	24.2		244
0	100	0	0.0	100.0	0.0		184
100	0	0	100.0	0.0	0.0		182
0	0	100	0.0	0.0	100.0	55	227
20	20	60	27.8	34.2	38.0		428

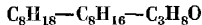
Таблица № 2074 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло-гексан	изопропи-ловый спирт	бензол	цикло-гексан	изопропи-ловый спирт		
20	40	40	21.7	44.9	33.4	55	450.5
40	20	40	41.3	25.9	32.8		438.5
40	40	20	35.0	38.5	26.5		448
60	20	20	50.6	22.1	27.3		434
20	60	20	19.0	52.7	28.3		450
0	100	0	0.0	100.0	0.0		327
100	0	0	100.0	0.0	0.0		326
0	0	100	0.0	0.0	100.0	69	434
20	20	60	25.0	30.8	44.2		722.5
20	40	40	20.1	43.0	36.9		755
40	20	40	38.9	24.3	36.8		736
40	40	20	33.6	37.0	29.4		738
60	20	20	48.4	21.0	30.5		718
20	60	20	18.1	50.4	31.5		743
0	100	0	0.0	100.0	0.0		526
100	0	0	100.0	0.0	0.0		530

№ 2075

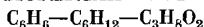
[863]

ОКТАН—ЭТИЛЦИКЛОГЕКСАН—ИЗОПРОПИЛОВЫЙ СПИРТ



Состав жидкости, мол. %			Состав пара *, мол. %		t	P
октан	этилцикло-гексан	изопропи-ловый спирт	октан	этилцикло-гексан		
24.0	76.0	0.0	26.8	73.2	107.87	400
16.55	50.45	33.0	27.0	72.4	73.8	
12.2	37.8	50.0	27.2	72.8	70.0	
7.92	25.08	67.0	27.1	72.9	68.8	
5.97	19.03	75.0	27.4	72.6	68.3	
4.78	15.22	80.0	27.8	72.2	67.9	
48.2	51.8	0.0	51.2	48.8	106.6	
32.96	34.04	33.0	52.0	48.0	73.2	
24.1	25.9	50.0	51.2	48.8	70.0	
16.1	16.9	67.0	52.4	47.6	68.87	
12.2	12.8	75.0	53.0	47.0	68.25	
9.92	10.08	80.0	54.0	46.0	67.75	
74.1	25.9	0.0	76.0	24.0	105.4	
50.25	16.75	33.0	76.7	23.3	72.5	
37.3	12.7	50.0	76.6	23.4	69.9	
24.52	8.48	67.0	76.7	23.3	68.5	
18.52	6.48	75.0	76.3	23.1	67.5	
14.9	5.1	80.0	77.4	22.6	67.0	

* Состав пара рассчитан без учета содержащегося в нем изопропилового спирта.



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло-гексан	метилцел-лозольв	бензол	цикло-гексан	метилцел-лозольв		
2.99	7.82	89.19	11.44	55.82	32.74	95.5	760
7.92	28.55	63.53	16.52	71.15	12.33	70.3	
12.38	2.29	85.33	49.27	20.06	30.67	95.0	
13.61	30.21	56.18	26.83	57.00	16.17	77.2	
24.76	58.42	17.12	26.24	64.62	12.44	74.5	
26.08	40.19	33.73	31.65	55.83	12.52	77.5	
32.90	52.22	14.88	33.87	56.86	9.27	75.8	
37.28	13.46	49.26	51.07	36.34	12.59	79.8	
44.06	15.63	40.31	50.97	38.42	10.61	75.5	
58.50	23.95	17.55	59.13	31.42	9.45	75.2	
64.26	16.18	19.56	64.41	26.10	9.49	77.6	



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилцел-лозольв	этил-бензол	стирол	метилцел-лозольв	этил-бензол	стирол	метилцел-лозольв	этил-бензол	стирол		
10.0	10.0	80.0	35.8	10.0	54.2	3.385	1.067	1.015	Нет данных	62
10.0	20.0	70.0	35.6	19.0	45.4	3.500	1.054	1.010		
10.0	30.0	60.0	35.3	27.4	37.3	3.615	1.043	1.007		
10.0	40.0	50.0	35.1	34.9	30.0	3.692	1.036	1.006		
10.0	50.0	40.0	34.9	41.9	23.2	3.820	1.029	1.007		
10.0	60.0	30.0	33.8	49.1	17.1	3.756	1.024	1.008		
10.0	70.0	20.0	33.5	55.4	11.1	3.820	1.019	1.012		
10.0	80.0	10.0	32.8	61.7	5.5	3.812	1.015	1.015		
10.0	90.0	0.0	32.0	68.0	0.0	3.802	1.014	1.019		
20.0	10.0	70.0	45.5	9.7	44.8	2.415	1.150	1.080		
20.0	20.0	60.0	45.3	18.3	36.4	2.492	1.145	1.060		
20.0	30.0	50.0	44.8	25.2	30.0	2.555	1.125	1.056		
20.0	40.0	40.0	44.5	33.1	22.4	2.613	1.100	1.053		
20.0	50.0	30.0	43.7	40.0	16.3	2.665	1.095	1.054		
20.0	60.0	20.0	43.0	46.5	10.5	2.700	1.088	1.058		
20.0	70.0	10.0	42.2	52.7	5.1	2.720	1.081	1.063		
20.0	80.0	0.0	41.6	58.4	0.0	2.736	1.074	1.068		
30.0	10.0	60.0	50.1	10.4	39.5	1.870	1.314	1.180		
30.0	20.0	50.0	49.5	19.5	31.0	1.915	1.275	1.146		
30.0	30.0	40.0	48.8	27.5	23.7	1.963	1.245	1.140		
30.0	40.0	30.0	48.3	39.5	12.2	2.015	1.220	1.140		
30.0	50.0	20.0	47.5	41.5	11.0	2.029	1.205	1.136		
30.0	60.0	10.0	46.2	47.8	6.0	2.058	1.194	1.144		

Таблица № 2077 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилцел- лозольв	этил- бензол	стирол	метилцел- лозольв	этил- бензол	стирол	метилцел- лозольв	этил- бензол	стирол		
30.0	70.0	0.0	45.7	54.3	0.0	2.066	1.186	1.130	Пет данных	62
40.0	10.0	50.0	53.5	11.5	35.0	1.535	1.495	1.280		
40.0	20.0	40.0	52.2	21.4	26.4	1.565	1.450	1.265		
40.0	30.0	30.0	51.0	30.0	19.0	1.593	1.402	1.260		
40.0	40.0	20.0	49.9	37.8	12.3	1.615	1.370	1.262		
40.0	50.0	10.0	49.3	44.7	6.0	1.645	1.345	1.258		
40.0	60.0	0.0	49.1	51.1	0.0	1.660	1.334	1.242		
50.0	5.0	45.0	57.3	6.8	35.9	1.311	1.775	1.452		
50.0	10.0	40.0	56.4	12.9	30.7	1.324	1.716	1.440		
50.0	15.0	35.0	55.3	18.6	26.1	1.328	1.682	1.431		
50.0	20.0	30.0	54.5	23.7	21.8	1.342	1.645	1.424		
50.0	25.0	25.0	53.6	28.7	17.7	1.346	1.636	1.421		
50.0	30.0	20.0	53.0	33.0	14.0	1.355	1.625	1.420		
50.0	35.0	15.0	52.5	37.7	9.8	1.365	1.606	1.417		
50.0	40.0	10.0	52.1	41.1	6.8	1.383	1.569	1.412		
50.0	45.0	5.0	51.6	45.4	3.0	1.389	1.572	1.410		
50.0	50.0	0.0	51.0	49.0	0.0	1.400	1.531	1.387		
60.0	10.0	30.0	59.4	14.7	25.9	1.184	1.985	1.637		
60.0	20.0	20.0	57.4	26.7	15.9	1.193	1.910	1.622		
60.0	30.0	10.0	55.0	37.3	7.7	1.210	1.845	1.615		
60.0	40.0	0.0	53.6	46.4	0.0	1.227	1.789	1.580		
70.0	10.0	20.0	63.3	17.1	19.6	1.095	2.310	1.881		
70.0	20.0	10.0	60.1	30.7	9.2	1.104	2.150	1.886		
70.0	30.0	0.0	57.6	42.4	0.0	1.116	2.146	1.823		
80.0	10.0	10.0	68.9	19.8	11.3	1.039	2.703	2.179		
80.0	20.0	0.0	64.6	35.4	0.0	1.048	2.591	2.139		
90.0	10.0	0.0	76.2	23.8	0.0	1.001	3.163	2.535		

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Состав жидкости, мол. %			Содержа- ние бутана в паре, мол. %	Коэффициент активности		z ₁	z	t	P
бутан	бутил- лен	фурфу- рол		бутан γ ₁	бутилен γ				
			$\frac{y_1}{y_1 + y_2}$						
2.31	0.84	96.85	80.22	10.79	0.20	1.088	1.098	37.8	763
9.76	3.28	86.96	80.24	7.30	4.52	1.014	1.035		2314
2.41	14.95	82.64	18.03	6.64	4.11	1.015	1.035		2312
1.59	10.12	88.29	18.42	8.10	4.80	1.037	1.056		1800
6.69	1.95	91.36	83.05	8.74	5.16	1.037	1.056	51.7	1795
12.01	3.79	84.20	80.60	5.93	3.88	1.020	1.046		3350

Таблица № 2078 (продолжение)

Состав жидкости, мол. %			Содержа- ние бутана в паре, мол. % $\frac{y_1}{y_1 + y_2}$	Коэффициент активности		z_1	z_2	t	P
бутан	бути- лен	фурфу- рол		бутан γ_1	бутилен γ_2				
2.89	17.26	79.85	16.12	5.54	3.50	1.020	1.046	51.7	3348
1.58	10.04	88.38	18.42	7.41	4.41	1.061	1.083		2321
6.71	1.94	91.35	82.83	7.81	4.77	1.061	1.083		2308
2.70	20.42	76.88	14.62	4.70	3.14	1.026	1.055	65.6	4634
2.77	20.58	76.65	15.02	4.70	3.15	1.026	1.055		4635
3.79	18.68	77.53	21.28	4.87	3.17	1.026	1.055		4635
3.77	18.66	77.57	20.52	4.72	3.20	1.026	1.055		4636
4.49	21.63	73.88	20.63	4.18	2.90	1.017	1.047		4904
2.19	11.05	86.76	21.00	6.26	4.03	1.070	1.097		3351
3.00	14.84	82.16	20.98	5.25	3.61	1.042	1.072		4114
1.99	11.24	86.77	19.13	6.29	4.05	1.070	1.097		3346
8.72	12.07	79.21	48.27	4.81	3.22	1.026	1.055		4641
9.86	13.35	76.79	48.33	4.46	3.05	1.017	1.047		4900
7.99	12.81	79.20	44.60	4.85	3.25	1.026	1.055		4640
10.03	13.24	76.73	49.12	4.46	3.04	1.017	1.047		4909
6.91	9.46	83.63	49.18	5.58	3.65	1.042	1.072		4126
6.83	9.41	83.76	49.18	5.64	3.66	1.042	1.072		4120
4.88	6.91	88.21	48.90	6.54	4.17	1.070	1.097		3352
2.85	4.59	92.56	46.40	7.57	4.67	1.108	1.132		2313
0.84	1.24	97.92	49.09	9.18	5.51	1.167	1.187		756
3.02	4.36	92.62	48.96	7.55	4.69	1.108	1.132		2317
0.83	1.25	97.92	49.06	9.29	5.50	1.166	1.185		763
4.93	6.88	88.19	49.22	6.51	4.15	1.070	1.097		3347
16.76	3.48	79.76	86.07	4.67	3.16	1.017	1.047		4902
14.72	3.04	82.24	86.10	5.08	3.44	1.025	1.055		4645
16.36	3.78	79.86	84.83	4.72	3.17	1.017	1.047		4904
14.71	2.96	82.33	86.68	5.12	3.39	1.026	1.055		4645
14.34	2.88	82.78	86.68	5.25	3.48	1.026	1.055		4642
8.38	1.79	89.83	86.28	6.72	4.32	1.070	1.097		3350
11.75	2.44	85.81	86.41	5.77	3.78	1.042	1.072		4130
8.38	1.83	89.79	86.16	6.70	4.26	1.070	1.097		3348
11.33	2.39	86.28	86.26	5.96	3.91	1.042	1.072		4123
8.32	1.79	80.89	86.42	6.77	4.28	1.070	1.097		3348
5.11	1.12	93.77	86.34	7.85	4.87	1.108	1.132		2311
1.43	0.33	98.24	86.22	9.50	5.67	1.166	1.185		762
5.20	1.12	93.68	86.56	7.75	4.81	1.108	1.132		2318
1.43	0.39	98.18	84.22	9.31	5.50	1.166	1.185		764
10.26	3.07	86.67	80.70	5.10	3.58	1.116	1.152	93.3	5932
0.92	0.32	98.76	78.37	7.33	5.04	1.279	1.304		758
2.46	14.08	83.46	18.35	4.84	3.31	1.116	1.152		5937
1.47	8.70	89.83	18.36	5.86	3.87	1.170	1.203		4129
6.11	1.61	92.28	83.30	6.03	4.02	1.178	1.211		3867

$$\begin{aligned}
& \lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] + \\
& + x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C(1 - 2x_1)] \\
& \lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] + \\
& + x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C(1 - 2x_2)] \\
& \lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] + \\
& + x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C(1 - 2x_3)]
\end{aligned}$$

Таблица № 2078 (продолжение)

	Коэффициенты Маргулеса						
	A_{12}	A_{21}	A_{13}	A_{31}	A_{23}	A_{32}	C
37.8	0	0	1.096	1.257	0.842	1.029	-0.20
51.7	0	0	1.045	1.171	0.800	0.986	-0.19
65.6	0	0	0.998	1.108	0.763	0.951	-0.18
93.3	0	0	0.908	0.975	0.700	0.900	-0.17

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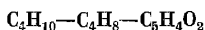
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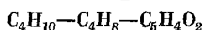


Состав жидкости, мол. %			Содержание бутана в паре, мол. % $\frac{y_1}{y_1 + y_2}$	t	P
бутан	бутилен	фурфурол			
2.24	8.69	89.07	34.91	37.8	1283
7.09	3.71	89.20	80.04		1797
5.29	18.77	75.94	34.85		2056
11.58	5.42	83.00	80.15		2314
2.61	9.67	87.72	34.32	65.6	2580
8.29	3.89	87.82	80.10		3343
9.30	26.06	64.64	34.30		4385
16.03	6.29	77.68	80.02		4637
3.10	6.20	90.70	34.40	93.3	3346
8.28	3.53	88.19	80.15		4897
5.84	16.31	77.85	36.45		5937
10.88	4.47	84.65	79.99		5935

$$\lg \frac{\gamma_1}{\gamma_2} = x_3 [A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) - x_2 (A_{23} - A_{32}) - C_{123} (x_2 - x_1)]$$

t	Коэффициенты Маргулеса					Упругость пара чистых веществ, мм		
	A_{13}	A_{32}	A_{31}	A_{23}	C_{123}	бутан	бутилен	фурфурол
37.8	1.096	0.977	1.257	0.760	1.0	2667	2371	4.7
65.6	0.998	0.902	1.108	0.686	1.1	5492	5027	22.2
93.3	0.908	0.840	0.975	0.624	1.2	10048	9462	76.8

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Состав жидкости, мол. %			Содержа- ние бутана в паре, мол. % $\frac{y_1}{y_1 + y_2}$	Коэффициент активности		z_1	z_2	t	P
изо- бутан	бутн- лен	фурфу- рол		изобутан γ_1	бутилен γ_2				
4.75	21.75	73.50	29.39	5.28	3.16	1.026	1.003	37.8	3096
0.55	2.96	96.49	29.35	12.13	6.22	1.123	1.098		760
2.38	11.93	85.69	29.26	8.10	4.47	1.059	1.035		2320
9.75	4.31	85.94	82.50	7.56	4.34	0.993	1.015		3352
5.38	2.51	92.11	82.35	10.07	5.30	1.059	1.035		2319
7.20	3.34	89.46	82.14	8.98	4.84	1.037	1.014		2827
0.43	2.17	97.40	30.42	11.54	5.90	1.170	1.140	51.7	757
6.11	26.20	67.69	29.45	4.10	2.58	1.035	1.008		4390
2.89	13.79	83.32	29.35	6.84	3.89	1.074	1.046		3350
0.43	2.21	97.36	29.78	11.35	5.87	1.170	1.140		759
5.91	25.29	68.80	29.10	4.20	2.69	1.035	1.008		4394
6.60	2.85	90.55	82.51	8.41	4.64	1.074	1.146		3346
11.19	4.59	84.22	82.44	6.57	3.83	1.025	0.998		4640
9.02	3.85	87.13	82.14	7.35	4.22	1.044	1.017		4130
11.58	4.72	83.70	82.39	6.34	3.74	1.025	0.998		4641
9.40	3.93	86.67	82.16	7.05	4.12	1.044	1.017		4125
0.35	1.69	97.96	30.37	10.54	5.54	1.222	1.185	65.6	759
7.11	27.91	64.98	29.66	3.49	2.34	1.047	1.016		5933
1.98	9.38	88.64	29.30	7.51	4.24	1.132	1.097		3339
7.72	3.16	89.12	82.36	7.25	4.19	1.088	1.055		4640
11.60	4.56	83.84	82.16	5.93	3.63	1.047	1.016		5937
7.80	3.19	89.01	82.42	7.19	4.15	1.088	1.055		4648
5.08	2.16	92.76	82.11	8.26	4.68	1.132	1.097		3362
7.80	3.24	88.96	82.07	7.15	4.16	1.088	1.055		4642
0.25	1.12	98.63	30.23	8.28	4.74	1.360	1.304	93.3	770
0.25	1.09	98.66	30.30	8.72	4.85	1.360	1.304		768
2.68	11.33	85.99	29.84	5.56	3.54	1.128	1.152		5939
1.27	5.66	93.07	29.35	7.29	4.23	1.277	1.226		3352
6.80	2.59	90.61	82.21	6.40	3.92	1.198	1.152		5936
3.42	1.36	95.22	82.18	7.56	4.45	1.277	1.226		3346
5.05	1.98	92.97	82.17	6.95	4.14	1.237	1.188		4653

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] + \\ + x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C(1 - 2x_1)]$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] + \\ + x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{12} - A_{31}) - C(1 - 2x_2)]$$

$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] + \\ + x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C(1 - 2x_3)]$$

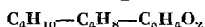
t	Коэффициенты Маргулеса						
	A ₁₂	A ₂₁	A ₁₃	A ₃₁	A ₂₃	A ₃₂	C
37.8	0	0	1.142	1.310	0.842	1.029	-0.20
51.7	0	0	1.090	1.231	0.800	0.986	-0.19
65.6	0	0	1.042	1.160	0.763	0.951	-0.18
93.3	0	0	0.955	1.030	0.700	0.900	-0.17

№ 2081

ИЗОБУТАН—1-БУТИЛЕН—ФУРФУРОЛ

[645]

1 2 3



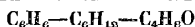
t	Коэффициенты Маргулеса							Упругость пара чистых веществ, мм рт. ст.		
	A ₁₂	A ₂₁	A ₁₃	A ₃₁	A ₂₃	A ₃₂	C	изобутан	бутилен	Фурфурол
37.8	0	0	1.142	1.310	0.842	1.029	-0.20	3720	3232	4.7
65.3	0	0	1.042	1.160	0.763	0.951	-0.18	7399	6511	22.2
93.3	0	0	0.955	1.030	0.700	0.900	-0.17	13256	11790	76.8

$$\begin{aligned}
 \lg \gamma_1 = & x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] + \\
 & + x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C (1 - 2x_1)] \\
 \lg \gamma_2 = & x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] + \\
 & + x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C (1 - 2x_2)] \\
 \lg \gamma_3 = & x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] + \\
 & + x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_3 (A_{21} - A_{12}) - C (1 - 2x_3)]
 \end{aligned}$$

№ 2082

БЕНЗОЛ—ЦИКЛОГЕКСАН—МЕТИЛЭТИЛКЕТОН

[1017]

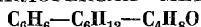


Состав жидкости, вес. %			Состав пара, вес. %			t	P, ата
бензол	цикло-гексан	метилэтил-кетон	бензол	цикло-гексан	метилэтил-кетон		
8.5	10	81.5	8.5	19	72.5	Нет данных	1.0
8.5	50.5	41	7	50	43		
10	63	27	9.5	55	35.5		
10	78	12	10	68	22		
12.5	23	64.5	11.5	29.5	59		
14	60	26	12.5	52.5	35		
16	10	74	16	16	68		
16	33	51	13	40	47		
22	9	69	21.5	13	65.5		
22.5	42	35.5	19	42	39		
25	20	55	23	24	53		
31	60	9	30	55	15		

Таблица № 2082 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P, атм
бензол	цикло- гексан	метилэтил- кетон	бензол	цикло- гексан	метилэтил- кетон		
35.5	46	18.5	32.5	43	24.5	Нет данных	1.0
41	16	43	37.5	20	42.5		
42.5	7	50.5	42	9	49		
46	29	25	41	32	27		
48	45	7	47	42	11		
55	12	33	51	16	33		
59	22.5	18.5	53	24	23		
67	4	29	64.5	7.5	28		
68	27	5	63	30	7		
74	18	8	70	20	10		
75	13.5	11.5	69	15	16	12.7	
77.5	12.5	10	73	15	12		
81.5	5.5	13	78	6	16		
85	13	2	80.5	17.5	2		
85.5	1.5	13	82.5	2	15.5		
89	6	5	85	8	7		
7.5	52.5	40	7	49	44		
9	9	82	8	13	79		
9	40	51	8	38	54		
10	80	10	10	74	16		
11	64	25	10	58	32		
12	22	66	11	25	64		
13	35	52	12	35	53		
13	63	24	12	56.5	31.5		
23	8	69	22	9	69		
23	21.5	55.5	20.5	23	56.5		
23	43	34	20	41	39		
31	59	10	31	56	13		
32	30	38	29	30	41		
37	46.5	16.5	35	43.5	21.5		
42	16	42	38.5	16	45.5		
44	6	50	42	7	51		
48	29	23	44	28	28		
51	42	7	49	40	11		
52	22	26	48	22	30		
58	12	30	52	13	35		
60	23	17	57	23	20		
63	27	10	60	27	13		
67.5	28	4.5	65.5	28	6.5		
69	4	27	65	5	30		
71	8	21	67.5	9.5	23		
75	12	13	72	12.5	15.5		
78.5	13.5	8	76	14	10		
83	5.5	11.5	80	6	14		
85	10.5	4.5	82	12	6		
85	14	1	84	13	3		
86.5	1	12.5	85	1	14		
89	3	8	86	4	10		
89	6	5	87.5	6.5	6		

Примечание. Данные рассчитаны по графикам, помещенным в статье.



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	цикло- гексан	метил- этилкетон	бензол	цикло- гексан	метил- этилкетон	бензол	цикло- гексан	метил- этилкетон		
1.43	50.52	48.05	2.65	51.28	46.07	1.987	1.087	1.108	77.4	760
1.83	49.57	48.60	3.08	47.60	49.32	1.635	1.097	1.136	76.8	
3.85	44.23	51.92	6.16	43.16	50.68	1.736	1.082	1.122	77.2	
6.16	42.46	51.38	10.80	39.09	50.11	1.729	1.028	1.132	76.4	
10.00	88.65	1.35	11.26	86.74	2.00	1.436	1.000	1.536	79.5	
10.67	40.32	49.01	16.67	38.33	45.00	1.566	1.091	1.202	75.8	
16.67	37.29	46.04	20.44	35.14	44.72	1.440	0.970	1.160	74.8	
20.00	77.92	2.08	21.74	74.73	3.53	1.423	1.014	1.797	78.6	
20.79	58.05	21.16	22.28	47.00	30.72	1.202	1.011	1.466	74.8	
21.67	49.35	28.98	26.30	42.00	31.70	1.374	0.987	1.281	75.5	
22.67	34.04	43.29	26.67	27.13	46.20	1.386	0.922	1.294	74.4	
25.70	26.36	47.94	29.23	20.50	50.27	1.368	0.955	1.349	73.9	
27.20	40.04	32.76	28.67	33.21	38.12	1.228	0.984	1.362	74.3	
29.13	69.08	1.79	31.00	66.27	2.73	1.091	1.019	1.804	78.3	
29.33	29.32	41.35	30.83	22.35	46.82	1.255	0.970	1.387	74.1	
29.33	31.10	39.57	30.83	25.17	40.00	1.255	0.982	1.251	74.1	
33.08	37.78	29.14	33.33	27.17	39.50	1.192	0.987	1.407	74.3	
36.66	30.00	33.34	34.16	25.02	40.82	1.097	1.005	1.492	74.2	
36.90	28.23	34.87	35.83	22.70	41.47	1.228	0.993	1.389	74.0	
37.27	19.14	43.59	39.10	14.62	46.28	1.282	1.008	1.268	73.4	
39.62	33.96	26.42	36.00	28.49	35.51	1.033	0.977	1.595	75.4	
40.00	37.50	22.50	39.17	30.41	30.42	1.140	0.970	1.611	74.9	
40.00	58.50	1.50	39.20	57.80	3.00	1.054	1.042	1.977	77.9	
40.90	13.50	45.51	38.33	12.33	49.34	1.182	1.148	1.381	72.8	
42.28	2.90	54.82	47.74	2.40	49.86	1.299	1.076	1.303	71.8	
42.63	41.74	15.63	41.11	34.75	24.14	1.089	0.966	1.882	75.8	
43.00	2.14	54.86	46.00	1.80	52.20	1.371	1.000	1.246	71.0	
44.55	4.05	51.40	45.46	3.54	51.00	1.298	1.133	1.294	72.1	
44.67	24.36	30.97	40.70	20.60	38.70	1.157	0.996	1.547	75.0	
45.46	7.91	46.63	45.01	6.60	48.39	1.235	1.067	1.337	72.5	
45.46	50.72	3.82	44.80	48.84	6.36	1.046	1.039	1.822	79.7	
46.60	29.77	23.63	42.67	26.36	30.97	1.029	1.021	1.812	75.1	
46.75	45.26	7.99	44.77	40.17	15.06	1.056	0.998	2.117	76.4	
46.90	48.32	4.78	46.50	44.94	8.56	1.047	1.047	2.084	77.3	
47.00	41.87	11.13	42.75	37.19	20.06	1.049	1.009	2.013	76.4	
47.00	46.37	6.63	46.50	42.30	13.20	1.056	0.998	1.904	77.3	
47.21	2.51	50.28	48.29	2.10	49.61	1.379	1.095	1.305	71.7	
47.28	47.42	5.30	46.00	43.74	10.26	1.042	1.000	1.844	77.5	
47.40	51.30	1.30	46.25	51.00	2.75	1.023	1.063	2.135	78.1	
49.10	2.42	48.48	47.28	2.21	50.51	1.148	1.240	1.369	71.7	
53.33	1.33	45.34	87.90	1.40	10.70	1.000	1.223	2.056	77.7	
57.60	1.90	40.50	52.20	2.27	45.53	1.149	1.508	1.472	71.9	
65.50	1.29	33.21	56.25	1.20	42.55	1.101	1.202	1.656	71.9	
75.30	1.10	23.60	62.60	1.03	36.37	1.019	1.299	1.968	72.5	



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	циклогексан	метилэтил- кетон	бензол	циклогексан	метилэтил- кетон	бензол	циклогексан	метилэтил- кетон		
38.2	35.7	26.2	32.4	38.2	29.5	1.223	1.312	1.336	74.15	760
52.1	29.2	18.7	45.7	32.3	22.0	1.012	1.298	1.381	75.50	
50.9	30.3	18.8	44.6	33.0	22.4	1.019	1.286	1.362	75.30	
40.0	32.3	27.7	34.0	36.1	29.9	1.024	1.366	1.277	74.20	
35.5	35.2	29.3	29.7	38.8	31.6	1.018	1.362	1.293	73.90	
41.0	36.7	22.3	35.2	39.4	25.4	1.022	1.298	1.332	74.55	
54.3	32.3	13.3	48.8	35.3	15.9	1.025	1.265	1.336	75.94	
45.9	37.7	16.6	40.3	39.2	20.5	1.024	1.234	1.463	78.20	
56.1	35.2	8.8	51.2	36.6	12.2	1.028	1.190	1.532	76.30	
49.4	38.5	12.0	44.2	39.6	16.2	1.020	1.195	1.497	75.85	
54.0	40.4	5.6	50.4	40.0	9.6	1.048	1.117	1.818	76.80	
55.9	38.2	5.9	53.3	40.2	6.5	1.051	1.179	1.200	77.00	
52.2	38.1	9.7	47.7	39.7	12.0	1.028	1.193	1.443	76.30	
79.6	18.1	2.3	75.9	20.1	4.1	1.012	1.199	1.847	78.22	
80.3	3.5	16.2	76.7	5.2	18.1	1.007	1.595	1.152	78.39	
76.6	18.9	4.6	70.1	21.2	8.8	1.104	1.225	2.020	77.86	
79.4	5.6	15.0	75.1	8.4	16.5	1.003	1.620	1.140	78.22	
75.9	17.1	7.1	70.8	21.1	8.1	1.007	1.355	1.205	77.69	
80.2	5.8	14.0	76.4	6.2	17.4	1.008	1.152	1.286	78.29	
65.5	27.0	7.6	60.9	28.4	10.7	1.026	1.184	1.526	76.89	
75.9	6.3	17.9	71.1	9.6	19.4	1.004	1.663	1.136	77.87	
61.0	26.9	12.1	54.9	30.2	14.9	1.012	1.286	1.357	76.36	
71.0	10.0	19.0	65.4	13.5	21.1	1.005	1.497	1.186	77.32	
54.0	28.1	18.0	47.7	32.0	20.3	1.018	1.330	1.275	75.62	
62.6	16.3	21.1	56.3	20.8	22.9	1.009	1.456	1.194	76.42	
25.9	48.1	26.1	21.7	47.8	30.5	1.037	1.248	1.425	73.34	
45.9	28.3	25.9	39.5	32.4	28.1	1.016	1.371	1.257	74.85	
28.5	39.0	32.6	23.4	41.7	34.9	1.021	1.347	1.310	73.23	
48.8	31.8	19.4	42.2	34.8	23.0	1.009	1.311	1.360	75.17	
26.0	44.8	29.2	22.2	44.2	33.6	1.061	1.244	1.409	73.22	
38.0	48.9	13.1	34.2	46.8	19.1	1.053	1.137	1.675	75.12	
49.8	29.9	20.3	43.5	32.7	23.0	1.019	1.295	1.351	75.18	
31.0	58.3	10.7	29.3	54.1	16.7	1.097	1.093	1.777	75.38	
16.5	27.2	56.3	14.1	33.8	52.1	1.076	1.588	1.152	72.78	
23.3	69.0	7.7	23.4	62.7	13.9	1.142	1.052	2.017	75.98	
3.0	1.2	95.8	3.3	3.4	93.2	1.154	3.028	1.000	78.56	
5.0	93.2	1.8	5.9	88.0	6.1	1.229	1.001	3.445	78.83	
3.2	22.6	74.2	3.3	35.7	61.0	1.280	1.987	1.006	73.27	
3.0	72.7	24.3	3.1	64.8	32.1	1.323	1.157	1.690	72.31	
28.9	14.1	57.0	26.0	21.8	52.2	1.053	1.837	1.055	75.06	
19.6	54.7	25.7	18.1	52.0	30.0	1.137	1.189	1.418	73.48	
26.2	31.0	42.8	21.8	36.0	42.2	1.029	1.456	1.202	73.36	

Таблица № 2084 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	циклогексан	метилэтил- кетон	бензол	циклогексан	метилэтил- кетон	бензол	циклогексан	метилэтил- кетон		
23.0	57.2	19.8	20.3	52.9	26.9	1.077	1.146	1.636	73.76	760
21.2	45.3	33.5	17.6	45.9	36.6	1.524	1.290	1.354	72.90	
26.1	43.2	30.7	21.4	44.9	33.6	1.016	1.276	1.334	73.28	
32.7	35.0	32.3	27.1	37.2	35.7	1.015	1.323	1.335	73.66	
30.9	41.8	27.3	26.7	42.2	31.1	1.056	1.252	1.374	73.72	
22.9	53.7	23.4	19.8	50.8	29.4	1.069	1.186	1.531	73.39	
33.3	39.1	27.6	28.4	40.3	31.3	1.022	1.255	1.336	74.33	
16.3	42.7	41.0	13.6	44.2	42.2	1.071	1.346	1.308	72.24	
37.1	32.5	30.4	32.0	36.9	31.1	1.045	1.396	1.220	73.99	
2.2	0.9	96.9	2.4	2.7	95.0	1.144	3.207	1.005	78.54	
3.8	94.0	2.2	4.1	89.1	0.9	1.129	1.010	3.200	78.66	
4.5	2.3	93.1	4.9	5.0	90.1	1.161	2.360	1.010	78.05	
6.0	92.0	2.0	7.2	85.1	7.8	1.265	1.111	4.031	78.36	
4.0	4.0	91.1	4.0	10.4	85.5	1.101	2.379	1.003	77.05	
5.2	88.0	6.9	6.0	77.1	17.0	1.308	1.012	2.744	76.05	
14.2	4.4	81.4	14.0	9.6	76.5	1.084	2.441	1.013	77.05	
13.2	79.8	7.1	14.6	70.5	14.9	1.258	1.022	2.344	75.96	
11.8	5.9	82.3	11.8	11.1	77.1	1.113	2.132	1.024	76.65	
12.1	77.1	10.9	12.4	67.0	20.6	1.204	1.038	2.187	74.99	
12.7	7.2	80.1	12.1	14.1	73.8	1.082	2.260	1.025	76.06	
16.0	71.1	12.9	15.7	62.9	21.4	1.165	1.067	1.936	74.64	
13.3	9.2	77.6	12.6	15.9	71.6	1.095	2.026	1.048	75.49	
16.6	66.6	16.9	15.6	58.9	25.6	1.146	1.098	1.820	73.82	
22.3	14.7	63.1	20.1	22.2	57.7	1.074	1.826	1.070	74.57	
23.6	59.3	17.2	21.1	54.1	24.8	1.081	1.122	1.716	74.06	
11.3	65.9	22.8	10.0	62.3	27.7	1.146	1.242	1.556	71.94	
4.0	27.1	66.1	3.6	37.6	58.9	0.930	1.784	1.083	72.02	
3.5	15.8	80.8	2.8	28.1	69.1	0.965	2.180	1.017	74.11	
7.3	12.2	80.5	6.3	22.6	71.1	1.017	2.219	1.023	74.87	
13.9	72.2	13.9	12.8	62.2	25.0	1.113	1.057	2.140	74.08	
8.8	62.1	29.2	7.3	56.2	36.6	1.063	1.174	1.587	72.29	
10.5	50.9	38.6	9.1	49.6	41.2	1.115	1.276	1.364	72.06	
38.1	5.5	56.5	36.3	9.9	53.9	1.047	2.015	1.028	77.06	
36.0	10.4	53.6	32.8	17.0	50.2	1.035	1.884	1.044	76.04	
56.9	5.2	38.0	54.3	7.6	38.1	1.036	1.616	1.067	77.47	
55.4	7.6	37.0	51.6	11.3	37.1	1.027	1.670	1.085	76.96	
35.4	13.7	50.9	31.6	20.7	47.7	1.033	1.778	1.066	75.47	
47.4	4.2	48.5	45.7	6.8	47.7	1.049	1.793	1.048	77.39	
52.2	12.6	35.3	47.3	17.5	35.2	1.009	1.595	1.105	76.22	
45.7	7.7	46.7	42.8	12.1	45.1	1.043	1.780	1.054	76.66	
65.6	4.5	29.9	61.9	7.1	31.0	1.014	1.726	1.093	77.79	
44.2	12.0	43.8	40.1	17.3	42.6	1.029	1.664	1.083	76.04	
54.9	11.3	33.8	40.8	16.4	32.8	1.024	1.664	1.107	76.23	
61.9	8.3	29.9	57.4	11.7	30.9	1.014	1.573	1.108	77.21	

1

2

3



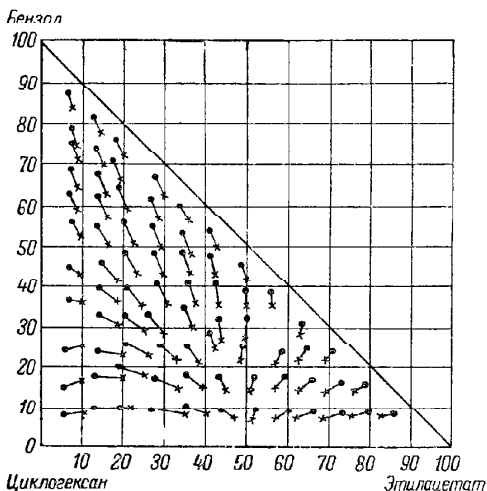
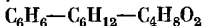
Состав жидкости, мол. %			Состав пара, мол. %			t	P
МЕТИЛЭТИЛ-кетон	ГЕПТАН	ТОЛУОЛ	МЕТИЛЭТИЛ-кетон	ГЕПТАН	ТОЛУОЛ		
54.30	0.00	45.70	73.85	0.00	26.15	88.0	760
49.80	2.90	47.30	69.75	4.00	26.25		
45.50	6.00	48.50	65.80	8.00	26.20		
41.60	9.55	48.85	62.00	12.00	26.00		
38.00	13.55	48.45	58.50	16.00	25.50		
31.40	22.70	45.90	52.40	24.00	23.60		
25.40	34.25	40.35	47.10	32.00	20.90		
20.00	46.75	33.25	42.50	40.00	17.50		
15.55	59.55	24.90	38.75	48.00	13.25		
12.50	72.75	14.75	35.60	56.00	8.40		
11.30	79.10	9.60	34.40	60.00	5.60	92.0	
10.20	85.30	4.50	33.30	64.00	2.70		
9.30	90.70	0.00	32.45	67.55	0.00		
39.00	0.00	61.00	62.25	0.00	37.75		
35.75	2.95	61.30	58.70	4.00	37.30		
32.50	6.00	61.50	55.20	8.00	36.80		
29.50	9.30	61.20	51.80	12.00	36.20		
26.55	12.85	60.60	48.50	16.00	35.50		
21.40	21.20	57.40	42.65	24.00	33.35		
16.95	30.90	52.15	37.55	32.00	30.45		
13.35	41.55	45.10	33.20	40.00	26.80	96.0	
10.50	52.50	37.00	29.45	48.00	22.55		
8.35	63.60	28.05	26.30	56.00	17.70		
6.75	74.50	18.75	23.75	64.00	12.25		
5.50	85.25	9.25	21.75	72.00	6.25		
4.50	95.50	0.00	20.25	79.75	0.00		
26.50	0.00	73.50	50.30	0.00	49.70		
24.20	2.80	73.00	47.05	4.00	48.95		
21.90	5.75	72.35	43.90	8.00	48.10		
19.70	8.80	71.50	40.80	12.00	47.20		
17.65	12.00	70.35	37.85	16.00	46.15	100.0	
13.75	19.45	66.80	32.20	24.00	43.80		
10.70	27.90	61.40	27.30	32.00	40.70		
8.20	36.90	54.90	23.05	40.00	36.95		
6.15	46.30	47.55	19.40	48.00	32.60		
4.50	55.95	39.55	16.10	56.00	27.90		
3.40	65.60	31.00	13.25	64.00	22.75		
2.50	75.20	22.30	11.00	72.00	17.00		
1.95	84.55	13.50	9.45	80.00	10.55		
1.55	93.80	4.65	8.30	88.00	3.70		
1.40	98.60	0.00	7.75	92.25	0.00		
16.55	0.00	83.45	37.55	0.00	62.45		
15.00	2.65	82.35	34.60	4.00	61.40		
13.50	5.40	81.10	31.70	8.00	60.30		

Таблица № 2085 (продолжение)

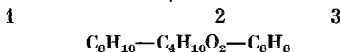
Состав жидкости, мол. %			Состав пара, мол. %			t	P
метил-этилкетон	гептан	толуол	метил-этилкетон	гептан	толуол		
12.05	8.20	79.75	28.85	12.00	59.15	100.0	760
10.55	11.20	78.25	26.00	16.00	58.00		
7.80	17.80	74.40	20.65	24.00	55.35		
5.50	25.15	69.35	16.00	32.00	52.00		
3.60	33.00	63.40	11.90	40.00	48.10		
2.30	41.25	56.45	8.25	48.00	43.75		
1.30	49.90	48.80	5.00	56.00	39.00		
0.90	54.15	44.95	3.65	60.00	36.35		
0.50	58.45	41.05	2.35	64.00	33.65		
0.30	63.70	36.00	1.25	68.00	30.75		
0.05	67.00	32.95	0.35	72.00	27.65		
0.00	68.70	31.30	0.00	73.55	26.45		
8.90	0.00	91.10	24.05	0.00	75.95	104.0	
7.90	2.50	89.60	21.15	4.00	74.85		
6.85	5.00	88.15	18.30	8.00	73.70		
5.75	7.55	86.70	15.50	12.00	72.50		
4.70	10.30	85.00	12.80	16.00	71.20		
3.70	13.25	83.05	10.25	20.00	69.75		
2.75	16.35	80.90	7.95	24.00	68.05		
1.90	19.50	78.60	5.70	28.00	66.30		
1.10	22.90	76.00	3.55	32.00	64.45		
0.50	26.30	73.20	1.60	36.00	62.40		
0.00	29.30	70.70	0.00	39.40	60.60		
3.05	0.00	96.95	9.80	0.00	90.20	108.0	
2.25	2.10	95.65	6.85	4.00	89.15		
1.40	4.45	94.15	4.00	8.00	88.00		
0.50	6.85	92.65	1.40	12.00	86.60		
0.00	8.35	91.65	0.00	14.30	85.70		

$$\lg \frac{\gamma_1}{\gamma_2} = 0.48 (x_2 - x_1) - 0.0094 [2x_1x_2 - (x_2 - x_1)^2] + \\ + x_3 [0.038 - 0.0372 (x_3 - 2x_1) - 0.024 (x_3 - 2x_2)]$$

$$\lg \frac{\gamma_1}{\gamma_3} = 0.157 (x_3 - x_1) - 0.0372 [(x_3 - x_1)^2 - 2x_1x_3] + \\ + x_2 [0.361 - 0.0094 (2x_1 - x_2) - 0.024 (2x_3 - x_2)]$$


 $P = 760 \text{ мм}$

Точки обозначают состав жидкости, крестики — состав пара.



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
этилбен- зол	целло- зольв	стирол	этилбен- зол	целло- зольв	стирол	этилбен- зол	целло- зольв	стирол		
10.0	10.0	80.0	11.6	22.4	66.0	1.028	2.621	1.020	Нет данных	50
10.0	20.0	70.0	11.7	31.3	57.0	1.100	1.961	1.072		
10.0	30.0	60.0	12.4	36.8	50.8	1.201	1.583	1.146		
10.0	40.0	50.0	13.6	41.4	45.0	1.334	1.355	1.240		
10.0	50.0	40.0	15.4	45.7	38.9	1.491	1.212	1.352		
10.0	60.0	30.0	16.8	51.3	31.9	1.660	1.126	1.470		
10.0	70.0	20.0	19.3	57.1	23.6	1.884	1.063	1.620		
10.0	80.0	10.0	22.2	64.6	13.2	2.117	1.027	1.773		
10.0	90.0	0.0	25.8	74.2	0.0	2.376	1.008	1.938		
20.0	10.0	70.0	22.5	21.8	55.7	1.027	2.661	1.019		
20.0	20.0	60.0	22.4	30.8	46.8	1.093	2.004	1.067		

Таблица № 2087 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
этилбен- зол	цетло- золь	стирол	этилбен- зол	цетло- золь	стирол	этилбен- зол	цетло- золь	стирол		
20.0	30.0	50.0	23.7	35.9	40.4	1.191	1.608	1.139	Нет данных	50
20.0	40.0	40.0	25.6	40.2	34.2	1.316	1.376	1.229		
20.0	50.0	30.0	28.1	44.3	27.6	1.466	1.229	1.336		
20.0	60.0	20.0	31.3	48.8	19.9	1.641	1.133	1.456		
20.0	70.0	10.0	35.2	53.9	10.9	1.840	1.072	1.590		
20.0	80.0	0.0	40.0	60.0	0.0	2.064	1.033	1.738		
30.0	10.0	60.0	32.5	21.4	46.1	1.025	2.682	1.017		
30.0	20.0	50.0	32.3	30.2	37.5	1.088	2.030	1.064		
30.0	30.0	40.0	33.9	35.2	30.9	1.181	1.634	1.132		
30.0	40.0	30.0	36.5	39.2	24.3	1.301	1.397	1.217		
30.0	50.0	20.0	39.8	42.9	17.3	1.445	1.245	1.320		
30.0	60.0	10.0	43.9	46.8	9.3	1.612	1.146	1.436		
30.0	70.0	0.0	48.7	51.3	0.0	1.801	1.082	1.564		
40.0	10.0	50.0	41.9	20.9	37.2	1.023	2.716	1.016		
40.0	20.0	40.0	41.5	29.5	29.0	1.083	2.049	1.060		
40.0	30.0	30.0	43.3	34.5	22.2	1.172	1.659	1.125		
40.0	40.0	20.0	46.2	38.3	15.5	1.286	1.418	1.207		
40.0	50.0	10.0	50.0	41.7	8.3	1.423	1.264	1.305		
40.0	60.0	0.0	54.7	45.3	0.0	1.582	1.160	1.417		
50.0	10.0	40.0	50.8	20.4	28.8	1.022	1.746	1.015		
50.0	20.0	30.0	50.0	29.0	21.0	1.080	2.078	1.057		
50.0	30.0	20.0	51.9	33.8	14.3	1.165	1.685	1.119		
50.0	40.0	10.0	55.1	37.5	7.4	1.273	1.439	1.198		
50.0	50.0	0.0	59.4	40.6	0.0	1.405	1.279	1.291		
60.0	10.0	30.0	59.1	20.0	20.9	1.021	2.771	1.014		
60.0	20.0	20.0	58.1	28.4	13.5	1.076	2.105	1.054		
60.0	30.0	10.0	59.9	33.3	6.8	1.156	1.711	1.113		
60.0	40.0	0.0	63.3	36.7	0.0	1.261	1.460	1.189		
70.0	10.0	20.0	66.9	19.7	13.4	1.020	2.799	1.013		
70.0	20.0	10.0	65.5	28.0	6.5	1.072	2.134	1.051		
70.0	30.0	0.0	67.3	32.7	0.0	1.150	1.734	1.108		
80.0	10.0	10.0	74.1	19.3	6.6	1.019	2.824	1.013		
80.0	20.0	0.0	72.5	27.5	0.0	1.069	2.159	1.049		
90.0	10.0	0.0	81.1	18.9	0.0	1.018	2.851	1.012		

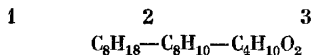
$$\lg \gamma_1 = 0.439Z_2^2 + 0.009Z_3Z_2$$

$$\lg \gamma_2 = 0.604Z_1^2 + 0.592Z_3^2 + 1.196Z_1Z_3$$

$$\lg \gamma_3 = 0.336Z_2^2 - 0.007Z_1Z_2$$

$$Z_1 = \frac{x_1}{x_1 + 1.377x_2 + 0.781x_3}$$

$$Z_2 = \frac{1.377x_2}{x_1 + 1.377x_2 + 0.781x_3}$$



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
октан	этилбен- зол	целло- зольв	октан	этилбен- зол	целло- зольв	октан	этилбен- зол	целло- зольв		
1.24	24.08	74.71	4.47	33.86	61.67	3.438	1.732	1.020	128.3	760
1.93	15.34	82.73	7.88	23.66	68.46	3.714	1.854	1.000	129.3	
2.27	37.63	60.10	5.58	41.89	52.53	2.342	1.400	1.105	127.45	
2.30	5.29	92.41	10.04	9.04	80.02	4.179	1.972	1.000	130.70	
2.62	12.34	85.04	10.92	19.84	69.24	3.841	1.956	0.998	128.8	
2.64	4.29	93.07	13.47	7.51	79.02	4.513	2.041	0.989	130.4	
3.31	51.91	44.78	6.62	49.27	44.11	1.948	1.219	1.281	126.75	
3.50	10.83	85.67	13.93	16.86	69.21	3.696	1.905	1.000	128.5	
3.50	25.10	71.40	10.21	29.64	60.15	2.784	1.548	1.060	127.45	
4.40	64.05	31.55	7.53	55.93	36.54	1.641	1.106	1.487	127.2	
4.48	9.85	85.67	17.11	13.89	69.00	3.581	1.729	1.003	128.15	
4.55	20.36	75.09	14.22	24.88	60.90	3.017	1.561	1.046	127.0	
4.81	7.32	87.87	20.12	10.83	69.05	3.967	1.856	1.000	127.7	
5.17	33.46	61.37	12.45	35.90	51.65	2.373	1.400	1.116	126.2	
5.68	76.00	18.32	8.33	62.54	29.13	1.354	1.000	1.950	128.55	
6.25	3.41	90.34	25.44	5.25	69.31	3.951	1.977	1.000	126.8	
6.08	17.83	75.49	17.75	21.48	60.77	2.604	1.564	1.060	126.4	
6.80	27.94	65.26	17.06	31.01	51.93	2.503	1.469	1.074	125.7	
6.80	84.00	9.20	9.84	73.91	16.25	1.259	1.000	2.014	130.8	
7.20	45.71	47.09	14.22	41.28	44.50	1.979	1.197	1.274	125.7	
7.69	46.75	45.56	14.37	40.90	44.73	1.877	1.160	1.334	125.5	
7.86	14.83	77.31	22.50	17.97	59.53	2.896	1.623	1.055	125.25	
7.91	11.68	80.41	26.68	14.43	58.89	3.389	1.646	1.005	125.5	
9.05	24.58	66.37	21.93	25.89	52.18	2.493	1.435	1.098	124.65	
9.36	54.11	36.53	15.47	44.58	39.95	1.661	1.098	1.487	125.5	
10.08	8.74	81.18	30.37	10.51	59.12	3.141	1.668	1.037	124.1	
10.29	38.44	51.27	19.70	34.41	45.89	1.967	1.222	1.244	124.65	
10.67	5.41	83.92	34.20	6.83	58.97	3.370	1.795	1.016	123.75	
12.18	21.20	66.62	26.42	21.19	52.39	2.267	1.387	1.234	124.0	
12.41	47.59	40.00	21.46	37.65	40.89	1.796	1.090	1.447	124.25	
12.54	3.17	84.29	37.63	4.13	58.24	3.204	1.850	1.011	123.2	
13.00	67.69	19.31	17.71	53.15	29.14	1.351	1.006	1.942	126.9	
13.67	33.47	62.86	25.10	29.64	45.26	1.966	1.260	1.254	123.1	
14.11	16.98	68.91	32.08	16.70	51.22	2.428	1.400	1.093	123.2	
14.41	74.29	11.30	19.78	59.66	20.56	1.224	0.988	2.224	128.6	
14.90	40.62	35.48	22.28	38.96	38.76	1.547	1.043	1.541	124.4	
16.38	12.56	71.06	36.03	12.42	51.55	2.419	1.454	1.104	122.1	
16.73	28.31	54.96	30.71	24.92	44.37	1.984	1.267	1.202	122.75	
18.45	7.98	73.57	40.16	8.15	51.69	2.440	1.534	1.097	121.35	
19.14	48.60	32.26	24.85	45.15	30.00	1.266	1.033	1.826	125.6	
19.82	43.51	36.67	28.34	34.93	36.73	1.522	1.140	1.476	123.3	
20.06	4.63	75.31	44.60	4.90	50.50	2.535	1.611	1.068	120.75	
21.15	40.14	38.71	30.11	31.34	38.55	1.532	1.117	1.474	122.9	
21.58	22.96	55.46	36.09	19.05	44.86	1.854	1.232	1.243	121.8	

Таблица № 2088 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			<i>t</i>	<i>P</i>
октан	этилбен- зол	цетил- бензол	октан	этилбен- зол	цетил- бензол	октан	этилбен- зол	цетил- бензол		
22.27	65.07	12.66	27.62	50.45	21.93	1.198	1.000	2.234	127.0	760
24.86	17.18	57.96	41.32	14.33	44.35	1.899	1.283	1.220	120.7	
25.15	37.34	37.51	33.86	27.99	38.15	1.471	1.092	1.531	122.35	
25.58	52.49	21.93	31.77	39.23	29.00	1.284	1.001	1.858	124.4	
29.18	11.18	59.64	45.75	9.45	44.80	1.833	1.327	1.234	119.85	
30.92	50.18	9.90	36.23	45.55	18.22	1.150	1.007	2.394	126.45	
31.37	29.84	38.79	40.07	22.00	37.93	1.436	1.109	1.525	121.3	
32.89	45.41	21.70	38.35	33.00	28.65	1.252	1.027	1.950	123.0	
33.38	6.62	60.00	50.65	5.63	43.72	1.824	1.370	1.237	118.85	
36.95	22.29	40.76	45.50	16.30	38.20	1.430	1.140	1.523	120.1	
41.00	33.41	25.59	44.92	23.66	31.42	1.224	1.054	1.904	121.5	
41.16	50.61	8.23	44.42	37.53	18.05	1.089	1.001	2.955	125.35	
41.54	37.38	21.08	44.70	26.03	29.27	1.187	1.039	2.115	122.0	
44.43	14.94	40.63	50.36	10.87	38.77	1.349	1.157	1.566	119.2	
47.11	23.09	29.80	49.61	16.01	34.38	1.230	1.081	1.884	119.9	
47.24	40.40	12.30	48.66	28.72	22.62	1.086	1.005	2.652	123.7	
48.66	8.75	42.59	54.97	6.79	38.24	1.383	1.274	1.461	118.2	
49.17	27.35	23.48	49.65	18.60	31.75	1.154	1.049	2.156	120.7	
51.19	12.89	35.92	54.40	9.19	36.41	1.284	1.155	1.735	118.65	
52.84	3.67	43.49	57.56	2.86	39.58	1.361	1.306	1.624	117.5	
56.39	30.97	12.64	54.92	21.60	23.48	1.068	1.032	2.860	122.2	
60.72	19.28	20.00	55.62	12.67	31.71	1.077	1.037	2.619	119.7	
65.19	10.84	23.97	60.02	7.54	32.44	1.113	1.127	2.304	118.65	
66.36	20.22	13.42	62.01	14.54	23.45	1.050	1.082	2.730	121.3	
69.63	4.64	25.73	63.44	3.20	33.36	1.129	1.147	2.291	117.75	
73.66	11.86	14.48	64.96	8.97	26.07	1.024	1.174	2.928	120.1	
82.67	5.28	12.05	72.65	3.03	24.32	1.031	1.167	3.198	119.65	

$$\lg \gamma_1 = x_2^2 [A_{12} + 2x_1 (A_{21} - A_{12})] + x_3^2 [A_{13} + 2x_1 (A_{31} - A_{13})] + \\ + x_2 x_3 [A_{21} + A_{13} - A_{32} + 2x_1 (A_{31} - A_{13}) + 2x_3 (A_{32} - A_{23}) - C (1 - 2x_1)]$$

$$\lg \gamma_2 = x_3^2 [A_{23} + 2x_2 (A_{32} - A_{23})] + x_1^2 [A_{21} + 2x_2 (A_{12} - A_{21})] + \\ + x_1 x_3 [A_{32} + A_{21} - A_{13} + 2x_2 (A_{12} - A_{21}) + 2x_1 (A_{13} - A_{31}) - C (1 - 2x_2)]$$

$$\lg \gamma_3 = x_1^2 [A_{31} + 2x_3 (A_{13} - A_{31})] + x_2^2 [A_{32} + 2x_3 (A_{23} - A_{32})] + \\ + x_1 x_2 [A_{13} + A_{32} - A_{21} + 2x_3 (A_{23} - A_{32}) + 2x_2 (A_{21} - A_{12}) - C (1 - 2x_3)]$$

$$A_{12} = 0.085$$

$$A_{21} = 0.085$$

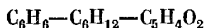
$$A_{13} = 0.700$$

$$A_{31} = 0.715$$

$$A_{23} = 0.385$$

$$A_{32} = 0.455$$

$$C = 0$$



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	цикло-гексан	фурфурол	бензол	цикло-гексан	фурфурол		
2.15	10.32	87.53	7.31	78.24	14.45	108.7	760
6.06	25.93	68.01	11.13	83.40	5.47	88.6	
11.29	47.35	41.36	13.94	82.33	3.73	84.0	
13.22	19.11	67.07	24.76	69.13	6.11	92.1	
15.40	62.53	22.07	18.71	75.37	5.92	82.6	
23.93	34.30	41.73	27.91	68.84	3.25	85.2	
31.03	47.40	44.13	34.17	63.21	2.62	82.7	
39.36	23.94	36.70	46.68	49.69	3.63	86.7	
51.42	32.75	15.83	54.62	43.38	2.00	82.8	
53.39	12.95	33.66	66.51	30.16	3.37	89.6	
67.52	19.61	12.87	68.09	30.32	1.59	83.8	

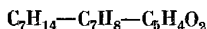


Состав жидкости, мол. %			Состав пара, мол. %			t	P
диметил-пентан	бензол	фурфурол	диметил-пентан	бензол	фурфурол		
11.5	81.1	7.4	20.0	80.0	0.0	60.2	400
29.0	62.8	8.2	39.3	60.7	0.0	59.2	
43.1	47.2	9.7	51.8	48.2	0.0	59.0	
55.9	36.5	7.6	61.5	38.5	0.0	58.9	
66.3	24.5	9.2	70.2	28.6	1.2	59.6	
78.1	12.1	9.8	81.0	15.0	4.0	60.7	
7.2	65.6	27.2	21.6	78.0	0.4	63.9	
21.2	52.0	26.8	43.8	55.6	0.6	61.1	
33.0	39.2	27.8	56.2	43.4	0.4	60.6	
46.5	29.1	24.4	68.5	30.6	0.9	60.6	
54.1	19.8	26.1	76.2	22.6	1.2	60.8	
66.0	8.9	25.1	88.7	9.9	1.4	61.2	
3.1	42.4	54.5	22.4	74.4	3.2	70.5	
10.0	36.9	53.1	47.2	49.4	3.4	65.1	
19.2	29.4	51.4	63.3	35.2	1.5	61.9	
29.8	17.3	52.9	76.3	20.9	2.8	—	
2.1	33.4	64.5	20.8	74.6	4.6	76.1	
3.8	33.2	63.0	34.0	61.1	4.9	72.6	
5.9	29.2	64.9	40.9	50.3	2.8	69.3	
12.7	24.0	63.3	66.9	30.0	3.1	64.1	

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2

3



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилциклогексан	толуол	фурфурол	метилциклогексан	толуол	фурфурол	метилциклогексан	толуол	фурфурол		
9	81	10	15.1	80.5	4.4	1.314	1.003	2.189	110.3	760
18	72	10	27.6	68.0	4.4	1.262	1.001	2.375	108.5	
27	63	10	38.4	57.1	4.5	1.214	1.002	2.590	106.9	
36	54	10	47.8	47.4	4.8	1.171	1.007	2.833	105.7	
45	45	10	56.3	38.7	5.0	1.135	1.016	3.113	104.7	
54	36	10	64.2	30.5	5.3	1.104	1.028	3.426	103.8	
63	27	10	71.5	22.8	5.7	1.076	1.046	3.786	102.9	
72	18	10	78.6	15.2	6.2	1.054	1.065	4.203	102.3	
81	9	10	85.4	7.6	7.0	1.035	1.090	4.660	101.6	
8	72	20	15.6	76.6	7.8	1.468	1.025	1.830	112.0	
16	64	20	28.4	63.9	7.7	1.405	1.017	1.953	110.0	
24	56	20	39.2	53.0	7.8	1.350	1.009	2.092	108.3	
32	48	20	48.5	43.6	7.9	1.298	1.007	2.245	106.9	
40	40	20	56.8	35.1	8.1	1.253	1.006	2.418	105.7	
48	32	20	64.2	27.3	8.5	1.212	1.008	2.608	104.7	
56	24	20	71.0	20.1	8.9	1.174	1.013	2.822	103.8	
64	16	20	77.4	13.2	9.4	1.142	1.020	3.065	103.1	
72	8	20	83.5	6.5	10.0	1.113	1.030	3.335	102.5	
7	63	30	16.1	73.2	10.7	1.666	1.069	1.572	113.8	
14	56	30	29.3	60.3	10.4	1.598	1.054	1.653	111.5	
21	49	30	40.2	49.6	10.2	1.533	1.042	1.740	109.6	
28	42	30	49.6	40.3	10.1	1.474	1.031	1.835	108.0	
35	35	30	57.7	32.1	10.2	1.419	1.024	1.942	106.7	
42	28	30	64.8	24.8	10.4	1.369	1.018	2.059	105.6	
49	21	30	71.2	18.1	10.7	1.321	1.015	2.186	107.6	
56	14	30	77.3	11.7	11.0	1.279	1.013	2.326	103.9	
63	7	30	82.8	5.7	11.5	1.241	1.014	2.484	103.1	
6	54	40	16.8	69.8	13.4	1.925	1.133	1.385	115.6	
12	48	40	30.3	57.1	12.6	1.852	1.114	1.435	113.1	
18	42	40	41.4	46.4	12.2	1.780	1.098	1.489	110.9	
24	36	40	50.7	37.4	11.9	1.713	1.083	1.550	109.1	
30	30	40	58.8	29.5	11.7	1.649	1.070	1.614	107.6	
36	24	40	65.8	22.5	11.7	1.590	1.059	1.686	106.3	
42	18	40	72.1	16.2	11.7	1.536	1.049	1.763	105.2	
48	12	40	77.7	10.4	11.9	1.484	1.040	1.846	104.2	
54	6	40	82.7	5.1	12.2	1.435	1.034	1.936	103.4	
5	45	50	17.3	66.5	16.2	2.256	1.221	1.248	117.8	
10	40	50	31.1	53.8	15.1	2.182	1.201	1.279	114.9	
15	35	50	42.5	43.3	14.2	2.107	1.182	1.312	112.4	
20	30	50	52.0	34.0	13.4	2.035	1.164	1.348	110.3	
25	25	50	59.9	27.1	13.0	1.964	1.148	1.339	108.6	
30	20	50	66.8	20.5	12.7	1.899	1.132	1.429	107.0	
35	15	50	73.6	14.6	12.4	1.834	1.118	1.472	105.0	
40	10	50	78.2	9.4	12.4	1.775	1.105	1.522	104.7	
45	5	50	83.0	4.5	12.5	1.709	1.092	1.574	103.9	

Таблица № 2091 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилци- логексан	толуол	фурфурол	метилци- логексан	толуол	фурфурол	метилци- логексан	толуол	фурфурол		
4	36	60	47.5	62.7	40.8	2.680	1.336	1.148	120.7	760
8	32	60	31.7	50.4	17.9	2.611	1.315	1.166	117.4	
12	28	60	43.1	40.4	16.5	2.538	1.296	1.186	114.6	
16	24	60	52.7	31.9	15.4	2.467	1.277	1.206	112.3	
20	20	60	60.6	24.8	14.6	2.394	1.260	1.228	110.1	
24	16	60	67.5	18.6	13.9	2.327	1.242	1.252	108.3	
28	12	60	73.4	13.2	13.4	2.257	1.226	1.277	106.7	
32	8	60	78.6	8.3	13.1	2.190	1.209	1.304	105.3	
36	4	60	83.3	4.0	12.7	2.128	1.193	1.331	104.1	
3	27	70	17.4	57.8	24.8	3.215	1.479	1.078	124.8	
6	24	70	31.3	46.4	22.3	3.148	1.462	1.086	121.2	
9	21	70	42.9	37.0	20.1	3.091	1.445	1.100	118.1	
12	18	70	52.4	29.1	18.5	3.031	1.427	1.109	115.3	
15	15	70	60.5	22.4	17.1	2.971	1.410	1.120	112.8	
18	12	70	67.3	16.7	16.0	2.907	1.393	1.130	110.7	
21	9	70	73.1	11.7	15.2	2.842	1.376	1.145	108.8	
24	6	70	78.2	7.4	14.4	2.775	1.360	1.158	107.1	
27	3	70	82.5	3.6	13.9	2.713	1.344	1.171	105.6	
2	18	80	16.1	50.4	33.5	3.874	1.652	1.033	131.3	
4	16	80	29.5	40.6	29.9	3.844	1.645	1.038	127.5	
6	14	80	40.7	32.5	26.8	3.807	1.630	1.041	124.2	
8	12	80	50.0	25.6	24.4	3.766	1.617	1.046	121.2	
10	10	80	58.0	19.7	22.3	3.728	1.605	1.050	118.4	
12	8	80	64.8	14.7	20.5	3.689	1.593	1.055	115.9	
14	6	80	70.6	10.3	19.1	3.639	1.580	1.060	113.7	
16	4	80	75.6	6.4	18.0	3.588	1.567	1.066	111.7	
18	2	80	80.1	3.0	16.9	3.534	1.552	1.071	109.9	
1	9	90	12.0	36.1	51.9	4.615	1.849	1.007	142.3	
2	8	90	22.6	30.7	46.7	4.618	1.847	1.008	139.1	
3	7	90	34.8	25.2	43.0	4.623	1.844	1.009	136.2	
4	6	90	40.4	19.8	39.8	4.619	1.841	1.010	133.6	
5	5	90	47.8	15.4	36.8	4.615	1.837	1.012	131.0	
6	4	90	54.4	11.6	34.0	4.609	1.832	1.013	128.6	
7	3	90	60.1	8.2	31.7	4.597	1.828	1.014	126.4	
8	2	90	65.3	5.2	29.5	4.585	1.823	1.015	124.3	
9	1	90	69.9	2.5	27.6	4.572	1.817	1.016	122.3	
0	0	100	0.0	0.0	100.0	5.359	2.055	1.000	161.7	

$$T \lg \gamma_1 = \frac{37.19x_2^2 + 349.8x_3^2 + 223.3x_2x_3}{(x_1 + x_2 + 1.050x_3)^2}$$

$$T \lg \gamma_2 = \frac{37.19x_2^2 + 162.8x_3^2 - 143.6x_1x_3}{(x_2 + x_1 + 1.094x_3)^2}$$

$$T \lg \gamma_3 = \frac{303.6x_2^2 + 123.8x_3^2 + 385.1x_1x_2}{(x_3 + 0.952x_1 + 0.914x_2)^2}$$

1 2 3



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гептан	толуол	фурфурол	гептан	толуол	фурфурол	гептан	толуол	фурфурол		
9	81	10	16.8	78.9	4.3	1.388	1.003	2.214	109.5	760
27	63	10	41.0	54.5	4.5	1.260	1.002	2.691	105.3	
45	45	10	58.5	36.5	5.0	1.163	1.019	3.329	102.5	
63	27	10	72.7	21.4	5.9	1.091	1.054	4.195	100.5	
81	9	10	85.7	7.2	7.1	1.042	1.110	5.395	99.0	
8	72	20	17.6	74.8	7.6	1.573	1.023	1.848	111.2	
24	56	20	42.4	50.2	7.4	1.423	1.005	2.153	106.5	
40	40	20	59.5	32.6	7.9	1.302	1.000	2.542	103.3	
56	24	20	72.7	18.6	8.7	1.204	1.009	3.047	101.2	
72	8	20	84.0	6.0	10.0	1.131	1.031	3.706	99.5	
7	63	30	18.5	71.1	10.4	1.811	1.066	1.581	112.8	
21	49	30	43.9	46.5	9.6	1.643	1.035	1.775	107.5	
35	35	30	60.9	29.5	9.6	1.497	1.014	2.012	104.0	
49	21	30	73.5	16.3	10.2	1.376	1.002	2.308	101.5	
63	7	30	83.8	5.2	11.0	1.276	1.002	2.673	99.9	
6	54	40	19.5	67.6	12.9	2.121	1.129	1.391	114.5	
18	42	40	45.6	43.1	11.3	1.936	1.087	1.512	108.5	
30	30	40	62.1	27.0	10.0	1.770	1.055	1.657	105.0	
42	18	40	74.6	14.6	10.8	1.625	1.029	1.829	102.1	
54	6	40	84.2	4.5	11.3	1.499	1.013	2.036	100.2	
5	45	50	20.3	64.1	15.6	2.521	1.216	1.251	116.6	
15	35	50	47.1	39.9	13.0	2.324	1.169	1.325	109.8	
25	25	50	64.1	24.2	11.7	2.148	1.130	1.409	105.1	
35	15	50	76.1	12.8	11.1	1.977	1.093	1.510	101.8	
45	5	50	85.0	3.9	11.1	1.829	1.064	1.626	99.6	
4	36	60	20.9	60.4	18.7	3.028	1.332	1.150	119.4	
12	28	60	48.4	36.8	14.8	2.847	1.285	1.193	111.5	
20	20	60	65.0	21.7	13.3	2.660	1.241	1.242	105.8	
28	12	60	77.2	10.6	12.2	2.479	1.199	1.297	102.3	
36	4	60	85.6	3.4	11.0	2.312	1.161	1.359	99.4	
3	27	70	20.7	55.7	23.6	3.656	1.478	1.079	123.3	
9	21	70	48.4	33.5	18.1	3.506	1.437	1.103	114.6	
15	15	70	65.9	19.6	14.5	3.358	1.395	1.127	108.3	
21	9	70	77.4	10.0	12.6	3.193	1.354	1.154	103.6	
27	3	70	85.6	2.9	11.5	3.019	1.313	1.185	100.2	
2	18	80	19.6	48.7	31.7	4.420	1.653	1.033	129.8	
6	14	80	46.6	29.7	23.7	4.361	1.627	1.042	120.6	
10	10	80	64.1	17.3	18.6	4.270	1.598	1.053	113.5	
14	6	80	75.6	8.8	15.6	4.156	1.565	1.064	108.1	
18	2	80	83.9	2.5	13.6	4.028	1.531	1.075	103.8	
1	9	90	14.7	35.1	50.2	5.270	1.856	1.008	141.0	
3	7	90	37.7	23.0	39.3	5.313	1.851	1.009	133.1	
5	5	90	54.4	13.9	31.7	5.322	1.841	1.012	126.6	
7	3	90	66.4	7.2	26.4	5.318	1.828	1.014	120.9	
9	1	90	75.9	2.1	22.0	5.284	1.810	1.018	116.3	
0	0	100	0.0	0.0	100.0	6.054	2.055	1.000	161.7	

Таблица № 2092 (продолжение)

$$T \lg \gamma_1 = \frac{43.9x_2^2 + 396.5x_3^2 + 263.4x_2x_3}{(x_1 + 0.987x_2 + 1.080x_3)^2}$$

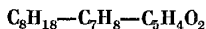
$$T \lg \gamma_2 = \frac{45.6x_1^2 + 162.8x_3^2 - 171.9x_1x_3}{(x_2 + 1.013x_1 + 1.094x_3)^2}$$

$$T \lg \gamma_3 = \frac{315.3x_1^2 + 123.8x_2^2 + 395.5x_1x_2}{(x_3 + 0.926x_1 + 0.914x_2)^2}$$

№ 2093

ИЗООКТАН—ТОЛУОЛ—ФУРФУРОЛ

[1029]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
ИЗООКТАН	ТОЛУОЛ	ФУРФУРОЛ	ИЗООКТАН	ТОЛУОЛ	ФУРФУРОЛ		
2.92	17.02	80.06	28.78	46.82	24.40	125.5	760
3.71	43.85	52.44	18.98	66.63	14.39	116.8	
4.38	31.70	63.92	28.17	53.52	18.31	118.8	
10.79	9.04	80.17	67.53	17.41	15.06	111.7	
11.05	23.73	65.22	52.83	35.56	11.61	111.6	
12.64	65.43	21.93	29.23	63.76	7.01	109.7	
13.14	35.76	45.32	44.78	42.91	12.31	110.6	
18.92	15.86	65.22	68.32	20.43	11.25	106.3	
25.29	23.54	51.17	66.28	23.72	10.00	105.1	
26.17	7.65	66.18	79.71	9.97	10.32	102.7	
27.55	50.94	21.51	48.87	43.98	7.15	105.9	
37.20	15.06	47.74	75.85	14.95	9.20	103.8	
44.46	33.72	21.82	65.06	27.50	7.44	103.6	
58.61	17.30	24.09	77.99	14.00	8.01	101.5	

№ 2094

ГЕПТАН—МЕТИЛЦИКЛОГЕКСАН—ФУРФУРОЛ

[568]



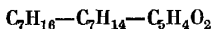
Состав жидкости, мол. %			Состав пара, мол. %		t	P
гептан	метилцикло-гексан	фурфурол	гептан	метилцикло-гексан		
16.3	83.7	78.4	20.8	79.2	Нет данных	745
53.4	46.6	78.5	60.9	39.1		
76.0	24.0	80.5	80.9	19.1		
44.1	55.9	79.5	51.2	48.8		
35.4	64.6	79.5	42.5	57.5		

Примечание. Составы жидкости и пара рассчитаны без учета содержания растворителя (фурфурола).

1

2

3

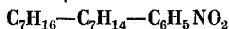


Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
гептан	метилциклогексан	фурфурол	гептан	метилциклогексан	фурфурол	гептан	метилциклогексан	фурфурол		
16	64	20	19.6	69.8	10.6	1.128	1.078	3.704	101.4	760
32	48	20	38.3	51.1	10.6	1.121	1.069	3.779	100.8	
48	32	20	56.1	33.2	10.7	1.114	1.060	3.874	100.2	
64	16	20	73.1	16.2	10.7	1.107	1.052	3.979	99.6	
12	48	40	19.8	68.1	12.1	1.492	1.374	2.052	102.1	
24	36	40	38.6	49.5	11.9	1.481	1.358	2.074	101.4	
36	24	40	56.2	32.0	11.8	1.469	1.342	2.099	100.6	
48	12	40	72.9	15.5	11.6	1.456	1.326	2.127	99.9	
8	32	60	20.3	67.5	12.2	2.294	2.046	1.366	102.1	
16	24	60	39.3	48.8	11.9	2.278	2.024	1.371	101.2	
24	16	60	57.0	31.4	11.6	2.265	2.004	1.377	100.2	
32	8	60	73.7	15.1	11.2	2.250	1.984	1.383	99.3	
4	16	80	19.9	64.8	15.3	3.962	3.472	1.078	106.9	
8	12	80	38.5	46.9	14.6	3.960	3.460	1.079	105.7	
12	8	80	55.8	30.2	14.0	3.962	3.449	1.080	104.4	
16	4	80	72.1	14.6	13.3	3.958	3.457	1.081	103.4	
0	0	100	0.0	0.0	100.0	6.054	5.359	1.000	161.7	

$$T \lg \gamma_1 = \frac{1.9x_2^2 + 396.5x_3^2 + 34.3x_2x_3}{(x_1 + 1.007x_2 + 1.080x_3)^2}$$

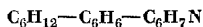
$$T \lg \gamma_2 = \frac{1.7x_1^2 + 349.8x_3^2 - 45.6x_1x_3}{(x_2 + 0.993x_1 + 1.050x_3)^2}$$

$$T \lg \gamma_3 = \frac{315.3x_1^2 + 303.6x_2^2 + 612.4x_1x_2}{(x_3 + 0.926x_1 + 0.952x_2)^2}$$



Состав жидкости, мол. %			Состав пара, мол. %		t	P
гептан	метилциклогексан	нитробензол	гептан	метилциклогексан		
13.6	86.4	81.5	17.4	82.9	Ист данных	745
43.7	56.3	82.0	50.5	49.5		
61.2	38.8	82.1	67.3	32.7		
80.5	19.5	82.5	84.6	15.4		
27.8	72.2	81.5	33.6	66.4		
43.1	56.9	53.0	47.3	52.7	200	6, 19 ата
42.3	57.7	72.0	47.8	52.2		
41.7	58.3	93.0	48.7	51.3		
						4, 02 ата
						2, 11 ата

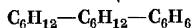
Примечание. Составы жидкости и пара рассчитаны без учета содержания растворителя (нитробензола).



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
цикло-гексан	бензол	анилин	цикло-гексан	бензол	анилин	цикло-гексан	бензол	анилин		
21.89	62.09	16.02	32.44	66.86	0.70	1.426	1.024	2.053	70	523.24
41.89	41.88	16.73	54.79	44.35	0.86	1.293	1.022	2.445		531.25
63.75	19.65	16.60	76.35	22.55	1.10	1.149	1.087	3.096		521.65
15.93	47.56	36.51	36.49	62.20	1.31	1.918	1.082	1.466		453.20
31.30	31.33	37.37	58.78	39.83	1.39	1.648	1.103	1.592		475.35
47.15	15.64	37.21	79.29	19.17	1.54	1.496	1.075	1.795		482.23
11.99	35.53	52.48	39.85	58.39	1.76	2.470	1.204	1.218		400.96
24.32	22.68	53.00	64.33	33.94	1.73	2.442	1.195	1.291		437.69
36.77	11.53	51.70	81.79	16.48	1.73	1.900	1.144	1.382		455.42
8.58	8.10	83.32	70.49	25.99	3.52	4.073	1.563	1.031		265.48

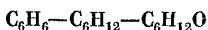


Состав жидкости, мол. %			Состав пара, мол. %			t	P
диметил-пентан	бензол	анилин	диметил-пентан	бензол	анилин		
11.7	79.8	8.5	21.0	79.0	0.0	60.7	400
29.0	62.1	8.9	38.8	61.2	0.0	59.4	
45.3	46.6	8.1	51.9	47.3	0.8	59.3	
56.8	35.4	7.8	61.6	38.4	0.0	59.5	
65.8	23.9	10.3	71.1	27.1	1.8	60.1	
79.6	12.2	8.2	83.4	14.1	2.5	61.0	
8.2	64.0	27.8	23.7	74.7	1.6	64.3	
21.0	52.8	26.2	43.2	56.6	0.2	62.2	
33.1	39.4	27.5	56.7	43.0	0.3	61.7	
45.1	27.6	27.3	70.2	29.8	0.0	61.8	
54.5	19.0	26.5	78.5	21.5	0.0	62.0	
3.1	41.0	55.9	22.4	77.6	0.0	73.0	
9.0	33.8	57.2	47.0	48.8	4.2	67.4	
15.9	27.2	56.9	61.6	34.8	3.6	64.9	
25.9	19.5	54.6	75.6	23.3	1.1	63.2	
35.6	8.9	55.5	86.8	12.6	0.6	63.0	
2.0	25.8	72.2	26.4	70.8	2.8	81.3	
6.3	16.9	76.8	63.7	34.3	2.0	73.0	
11.6	13.4	75.0	77.6	21.7	0.7	66.0	
21.5	5.6	72.9	92.3	7.1	0.6	63.1	



Состав жидкости, вес. %			Состав пара, вес. %			t	P
ЦИКЛО-ГЕКСАН	МЕТИЛ-ЦИКЛО-ПЕНТАН	БЕНЗОЛ	ЦИКЛО-ГЕКСАН	МЕТИЛ-ЦИКЛО-ПЕНТАН	БЕНЗОЛ		
20	40	40	16.45	46.75	36.80	74.10	760
40	30	30	35.10	35.00	29.90	75.24	
60	20	20	54.35	23.40	22.25	76.69	
80	10	10	75.60	12.00	12.40	78.45	
85	7.5	7.5	82.20	8.35	9.45	79.13	
90	5	5	86.60	5.80	7.60	79.66	
95	2.5	2.5	93.30	3.00	3.70	80.24	
20	20	60	19.95	25.35	54.70	75.59	
40	15	45	37.60	18.00	44.40	76.15	
60	10	30	56.10	12.25	31.65	77.15	
80	5	15	75.20	6.00	18.80	78.51	
85	3.75	11.25	80.60	5.50	13.90	79.08	
90	2.5	7.5	87.30	3.20	9.50	79.57	
95	1.25	3.75	92.60	2.20	5.20	80.14	
20	60	20	15.50	64.30	20.20	73.29	
40	45	15	32.90	50.60	16.50	74.87	
60	30	10	52.95	35.05	12.00	76.67	
80	15	5	74.90	18.70	6.40	78.65	
85	11.25	3.75	81.65	13.70	4.65	79.12	
90	7.5	2.5	86.35	10.30	3.35	79.73	
95	3.75	1.25	92.75	5.50	1.75	80.38	
10	10	80	11.50	14.85	73.65	77.24	
20	20	60	19.80	25.35	54.85	75.72	
30	30	40	27.05	34.50	38.45	74.96	
40	40	20	34.80	44.30	20.90	74.98	
7.5	2.5	90	9.60	3.90	86.59	78.88	
15	5	80	17.35	7.45	75.20	77.72	
30	10	60	30.30	13.10	56.60	76.57	
45	15	40	41.70	18.20	40.10	76.26	
60	20	20	54.35	23.35	22.30	76.71	
2.5	7.5	90	3.15	12.40	84.45	78.20	
5	15	80	5.60	22.15	72.25	76.66	
10	30	60	9.40	37.40	53.20	74.65	
15	45	40	13.20	49.80	37.00	73.57	
8.75	1.25	90	11.10	1.80	87.10	78.86	
17.5	2.5	80	20.90	3.60	75.50	78.06	
35	5	60	36.10	6.55	57.35	77.09	
52.5	7.5	40	49.90	9.20	40.90	76.91	
70	10	20	65.30	11.80	22.90	77.68	

БЕНЗОЛ—ЦИКЛОГЕКСАН—МЕТИЛИЗОБУТИЛКЕТОН



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	циклогексан	метилизо- бутилкетон	бензол	циклогексан	метилизо- бутилкетон	бензол	циклобензол	метилизо- бутилкетон		
42.00	1.50	56.5	67.25	4.25	28.50	1.041	1.908	0.9515	95.2	760
38.75	1.75	59.5	62.00	5.50	32.50	1.025	2.127	1.021	94.9	
37.25	1.50	61.25	61.00	6.50	32.50	1.066	2.190	1.007	95.1	
34.50	3.25	62.25	56.50	9.00	34.50	1.019	1.851	1.020	96.0	
45.75	4.25	50.00	67.75	9.25	23.00	1.055	1.539	1.013	91.3	
44.25	6.00	49.75	64.75	12.75	22.50	1.065	1.632	1.025	90.3	
41.25	12.50	46.25	54.75	25.25	20.00	1.028	1.632	1.025	88.8	
38.50	17.00	44.50	49.50	33.25	17.25	1.045	1.627	0.949	87.2	
36.00	21.50	42.50	43.25	40.25	16.50	0.998	1.585	0.973	86.5	
26.25	39.25	34.50	31.25	35.50	33.25	1.040	1.269	1.031	88.5	
24.25	43.75	32.00	29.00	59.00	12.00	1.072	1.234	1.035	83.8	
20.50	44.75	34.75	24.75	61.75	13.50	1.096	1.235	1.041	84.6	
19.25	40.75	40.00	24.75	57.75	17.50	1.089	1.226	1.051	85.5	
18.00	37.75	44.25	24.00	57.75	18.25	1.109	1.302	1.013	86.4	
16.25	29.75	54.00	22.75	54.00	23.25	1.054	1.406	0.965	90.0	
10.25	9.25	80.50	19.75	32.25	48.00	1.095	2.103	0.962	100.0	
31.00	7.00	62.00	38.50	20.50	41.00	1.068	2.077	1.003	93.2	
46.50	5.00	48.50	65.50	13.50	21.00	1.061	2.022	0.998	90.0	
52.50	5.50	42.00	68.50	13.50	18.00	1.021	1.957	0.949	88.8	
57.50	5.75	36.75	74.75	10.50	14.75	1.037	1.490	0.950	87.6	
62.75	3.75	33.50	77.25	7.50	15.25	1.053	1.692	0.989	86.6	
66.00	3.75	30.25	80.50	7.75	11.75	1.029	1.780	0.992	86.0	
56.00	9.75	34.25	71.00	10.50	18.50	1.084	1.321	1.136	85.5	
42.25	23.00	34.75	50.00	36.25	13.75	1.031	1.405	1.051	84.9	
17.25	25.00	57.75	25.25	49.25	25.50	1.065	1.478	0.957	91.2	
4.50	37.50	58.00	6.00	67.50	26.50	0.991	1.378	1.000	90.4	
7.75	49.06	43.19	10.50	71.75	17.75	1.167	1.247	1.028	86.4	
3.25	53.25	43.50	5.00	70.25	18.75	1.277	1.216	1.080	86.5	
1.00	88.50	10.50	1.25	92.50	6.25	1.185	1.009	1.755	81.8	
4.50	80.50	15.00	7.00	85.50	7.50	1.474	1.028	1.427	81.8	
13.00	71.75	15.25	15.50	76.75	7.75	1.444	1.050	1.618	81.4	
23.00	61.75	15.25	27.00	66.25	6.75	1.147	1.070	1.348	80.8	
31.25	64.00	4.75	34.00	61.25	4.75	1.075	1.151	1.158	80.2	
38.75	49.00	12.25	44.00	54.00	5.00	1.060	1.125	1.251	80.0	
34.50	46.25	19.25	38.25	54.25	7.50	1.064	1.151	1.180	81.3	
42.75	40.75	16.50	45.25	45.75	9.00	1.036	1.185	1.194	81.0	
43.75	39.75	16.50	50.25	43.00	6.75	1.089	1.154	1.263	80.5	
32.75	5.25	62.00	93.25	6.00	0.75	1.000	1.163	1.174	80.1	
88.00	5.00	7.00	91.25	7.50	1.25	0.993	1.345	1.926	81.2	
83.25	10.00	6.75	85.50	11.75	2.75	1.013	1.183	1.259	80.4	
71.25	16.25	12.50	73.00	23.00	4.00	1.001	1.415	0.972	80.8	
65.00	24.50	10.50	67.25	29.00	3.75	1.022	1.194	1.105	80.4	

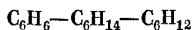
Таблица № 2100 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	циклогексан	метилизо- бутилен	бензол	циклогексан	метилизо- бутилен	бензол	циклогексан	метилизо- бутилен		
61.50	22.50	16.00	63.75	31.25	5.00	1.003	1.389	1.067	81.2	760
52.50	40.50	7.00	53.00	43.50	3.50	1.056	1.116	1.408	79.4	
47.00	45.00	8.00	49.25	49.25	1.50	1.079	1.099	1.418	79.2	
48.50	42.00	9.50	50.00	46.00	4.00	1.057	1.141	1.422	79.3	
48.25	42.75	9.00	50.00	47.25	2.75	1.060	1.173	1.341	79.4	
57.50	27.00	15.50	58.75	35.75	5.50	0.986	1.308	1.076	81.0	

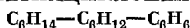
№ 2101

БЕНЗОЛ—ГЕКСАН—ЦИКЛОГЕКСАН

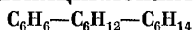
[238]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	гексан	цикло- гексан	бензол	гексан	цикло- гексан		
0.00	0.00	100.00	0.00	0.00	100.00	70	546.2
0.00	100.00	0.00	0.00	100.00	0.00		798.8
12.50	21.88	65.62	15.23	28.60	56.15		627.2
25.00	18.75	56.25	28.30	24.70	47.00		635.3
37.50	15.63	46.87	37.75	21.25	41.00		640.7
50.00	12.50	37.50	48.25	17.80	33.95		637.0
62.50	9.37	28.13	57.40	14.90	27.70		629.1
75.00	6.25	18.75	68.20	11.25	20.55		613.0
87.50	3.12	9.38	82.25	6.25	11.50		586.0
12.50	43.75	43.75	14.60	50.40	35.00		683.0
25.00	37.50	37.50	26.40	43.60	30.00		689.6
37.50	31.25	31.25	36.70	37.60	25.70		685.0
50.00	25.00	25.00	45.40	32.90	21.70		675.0
62.50	18.75	18.75	56.00	26.40	17.00		656.2
75.00	12.50	12.50	65.75	20.30	13.95		636.0
87.50	6.25	6.25	80.80	11.75	7.45		600.5
12.50	64.02	22.58	12.90	70.20	16.90		730.1
25.00	55.65	19.35	23.50	61.70	14.80		738.4
37.50	46.38	16.12	34.20	53.75	12.05		726.8
50.00	37.10	12.90	42.70	45.75	11.55		710.0
62.50	27.82	9.68	53.25	38.10	8.65		688.3
75.00	18.55	6.45	64.40	29.10	6.50		660.5
87.50	9.28	3.22	78.90	17.30	3.80		609.9
100.00	0.00	0.00	100.00	0.00	0.00		551.2



Состав жидкости, мол. %			Коэффициент активности			t	P
гексан	метилциклопентан	бензол	гексан	метилциклопентан	бензол		
95	1	4	1.0003	1.0759	1.4020	68.8	Нет данных
95	2	3	1.0003	1.0737	1.4018		
95	4	1	1.00025	1.0694	1.4016		
92	1	7	1.00112	1.0746	1.3794		
92	2	6	1.00093	1.0726	1.3581		
92	4	4	1.00063	0.0686	1.3047		
88	1	11	1.00300	1.0730	1.354		
88	2	10	1.00255	1.0711	1.359		
88	4	8	1.00195	1.0667	1.370		
97	1	2	1.0001	1.0744	1.407		
97	2	1	1.0000	1.0742	1.413		
98	1	1	1.0000	1.0768	1.3615		
90	0	10	1.0023	—	1.3957		
93	0	7	1.0000	—	1.3797		
96	0	4	1.0000	—	1.3957		
99	0	1	1.0000	—	1.4139		



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	метилциклопентан	гексан	бензол	метилциклопентан	гексан	бензол	метилциклопентан	гексан		
41.4	24.0	34.6	36.6	24.4	39.0	1.20	1.04	1.06	70.8	760
34.6	37.6	27.8	31.2	37.5	31.3	1.22	1.03	1.06	70.7	
25.7	53.6	20.7	24.0	52.7	23.3	1.26	1.01	1.06	70.8	
19.0	65.0	16.0	18.1	64.8	17.1	1.27	1.02	1.00	71.0	
43.3	45.7	11.0	38.2	48.8	13.0	1.15	1.07	1.08	71.8	
59.3	33.0	7.7	51.4	38.2	10.4	1.08	1.12	1.18	73.0	
72.9	22.0	5.1	64.3	28.0	7.7	1.05	1.18	1.28	74.5	
77.5	18.4	4.1	69.6	23.9	6.5	1.03	1.20	1.32	75.2	
82.6	14.3	3.1	74.5	20.0	5.5	1.03	1.23	1.40	76.0	
57.6	31.9	10.5	49.8	36.6	13.6	1.09	1.11	1.14	72.7	
49.8	41.2	9.0	44.5	44.2	11.3	1.14	1.06	1.13	72.3	
41.6	51.0	7.4	36.6	54.4	9.0	1.15	1.06	1.10	71.9	
33.7	60.4	5.9	30.9	61.9	7.2	1.20	1.03	1.11	71.7	
24.2	66.0	9.8	22.8	66.1	11.1	1.24	1.02	1.06	71.3	
48.2	39.5	12.3	41.9	43.1	15.0	1.22	1.08	1.10	72.0	
45.4	28.2	26.4	39.6	29.5	30.9	1.16	1.06	1.09	71.2	
36.9	22.9	40.2	33.3	23.1	43.6	1.23	1.05	1.03	70.4	
30.5	19.8	50.7	27.2	19.3	54.5	1.23	1.03	1.04	69.9	
24.6	15.0	60.4	22.2	14.7	63.2	1.26	1.05	1.02	69.5	

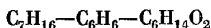
Таблица № 2103 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
бензол	метилциклопентан	гексан	бензол	метилциклопентан	гексан	бензол	метилциклопентан	гексан		
18.4	11.7	69.9	17.1	11.0	71.9	1.31	1.02	1.01	69.3	760
13.2	8.5	78.3	13.0	7.9	79.1	1.41	1.01	1.00	69.0	
8.7	5.8	85.5	8.8	4.5	86.7	1.45	1.02	1.01	68.9	
25.2	31.0	43.8	23.1	30.2	46.7	1.27	1.03	1.02	70.0	
62.7	15.6	21.7	53.5	17.9	28.6	1.09	1.13	1.18	72.5	
75.3	10.3	14.4	66.7	12.7	20.6	1.06	1.15	1.21	74.3	
84.2	6.7	9.1	75.4	9.3	15.3	1.02	1.24	1.36	75.8	
90.2	4.2	5.6	82.9	6.5	10.5	1.01	1.32	1.46	77.2	
38.7	50.5	10.8	35.0	52.3	12.7	1.18	1.05	1.08	71.6	
30.5	40.5	29.0	27.6	40.1	32.3	1.23	1.03	1.06	70.5	
21.7	29.2	49.1	20.8	28.3	50.9	1.33	1.03	1.00	69.7	
12.9	25.1	62.0	12.8	23.7	63.5	1.40	1.02	1.01	69.4	
8.8	17.4	73.8	8.9	16.3	74.8	1.43	1.02	1.00	69.2	
6.2	12.4	81.4	6.2	11.5	82.3	1.43	1.01	1.00	69.1	
2.8	5.5	91.7	2.8	5.1	92.1	1.46	1.02	1.00	68.8	
10.2	39.2	50.6	10.0	37.2	52.8	1.37	1.01	1.01	69.7	
13.8	47.0	39.2	13.5	45.5	41.0	1.35	1.01	1.01	70.2	
10.9	58.3	30.8	10.6	56.3	33.1	1.33	1.01	1.02	70.4	
22.7	51.0	26.3	21.1	49.7	29.2	1.26	1.01	1.05	70.6	
16.8	63.1	20.1	16.4	62.1	21.5	1.31	1.02	1.01	70.8	
11.2	75.6	13.2	11.3	73.9	14.8	1.35	1.00	1.05	71.1	
6.8	84.9	8.3	7.0	84.1	8.9	1.37	1.01	1.00	71.3	
4.2	90.6	5.2	4.3	89.9	5.8	1.36	1.00	1.01	71.4	
51.9	14.9	33.2	44.2	15.9	39.9	1.15	1.08	1.11	71.2	
67.3	10.3	22.4	56.6	12.3	31.1	1.07	1.25	1.24	72.5	
85.4	4.7	9.9	76.4	6.6	17.0	1.01	1.24	1.37	76.2	
52.9	12.5	34.6	44.6	13.2	42.2	1.14	1.07	1.13	71.2	
41.7	10.1	48.2	36.4	10.1	53.5	1.18	1.06	1.06	70.2	
34.0	8.0	58.0	30.5	7.7	61.8	1.25	1.03	1.04	69.7	
24.0	5.6	70.4	22.0	5.5	72.5	1.30	1.06	1.02	69.2	
64.3	5.8	29.9	54.2	6.5	39.3	1.09	1.11	1.19	72.1	
40.2	41.3	18.5	35.8	42.4	21.8	1.17	1.04	1.09	71.3	
60.9	25.1	14.0	52.8	28.8	18.4	1.10	1.11	1.16	72.8	
21.3	73.1	5.6	20.2	73.4	6.4	1.25	1.01	1.05	71.5	
7.3	73.1	19.6	7.4	71.5	21.1	1.35	1.01	1.01	70.9	

№ 2104

[1009]

2,4-ДИМЕТИЛПЕНТАН—БЕНЗОЛ—ГЕКСИЛЕНГЛИКОЛЬ



Состав жидкости, мол. %			Состав пара, мол. %			t	P
диметилпентан	бензол	гексиленгликоль	диметилпентан	бензол	гексиленгликоль		
6.9	82.4	10.7	13.0	86.8	0.2	60.6	400
7.0	83.2	9.8	13.4	86.4	0.2	60.5	
26.4	62.5	11.1	35.9	63.8	0.3	58.5	

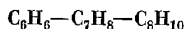
Таблица № 2104 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
диметил-пентан	бензол	гексил-глицоль	диметил-пентан	бензол	гексил-глицоль		
26.5	62.3	11.2	36.2	63.7	0.1	58.4	400
44.2	44.7	11.1	50.9	48.2	0.9	58.2	
49.3	41.0	9.7	53.3	44.6	2.1	58.1	
64.1	25.5	10.4	69.3	30.7	0.0	59.0	
71.9	16.2	11.9	78.5	21.5	0.0	59.4	
77.7	10.6	11.7	85.2	14.8	0.0	60.1	
9.6	55.3	35.1	24.2	75.2	0.6	61.7	
22.9	41.1	36.0	44.9	53.2	1.9	60.0	
40.6	29.0	30.4	61.9	37.9	0.2	59.3	
46.6	23.6	29.8	66.7	31.3	2.0	59.6	
54.6	11.8	33.6	79.6	16.8	3.6	60.5	
59.1	7.0	33.9	83.6	8.8	7.6	60.1	
1.9	32.3	65.8	11.7	88.3	0.0	73.4	
7.4	27.5	65.1	35.2	64.1	0.7	68.9	
19.6	17.5	62.9	64.4	34.4	1.2	64.6	
26.6	11.0	62.4	77.1	21.2	1.7	63.6	
30.2	7.3	62.5	84.0	13.6	2.4	63.7	
1.4	12.9	85.7	21.2	76.0	2.8	93.7	
3.8	10.7	85.5	42.8	55.7	1.5	89.0	
7.4	8.6	84.0	64.8	35.0	0.2		
7.3	3.5	89.2	81.5	17.4	1.1	88.2	

№ 2105

БЕНЗОЛ—ТОЛУОЛ—ЭТИЛБЕНЗОЛ

[161]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	толуол	этил-бензол	бензол	толуол	этил-бензол		
6.7	8.9	84.4	33.4	16.3	50.3	125.75	760
11.3	17.3	71.4	48.8	20.3	30.9	118.2	
20.2	24.3	55.5	58.0	26.0	16.0	110.7	
29.5	34.2	36.3	66.5	26.4	7.1	103.75	
52.0	27.8	20.2	77.6	16.0	6.4	94.8	
61.2	30.1	8.7	85.5	13.0	1.5	89.1	

№ 2106

БЕНЗОЛ—2,3-ДИМЕТИЛПЕНТАН—ПЕРФТОРТРИБУТИЛАМИН

[1691]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	диметил-пентан	перфтор-трибутил-амин	бензол	диметил-пентан	перфтор-трибутил-амин		
2	26	72	12	83	5	104.2	760
4	25	71	20	76	4	102.0	
4	27	69	21	73	6	—	

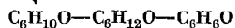
Таблица № 2106 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
бензол	диметил-пентан	перфтор-трибутил-амин	бензол	диметил-пентан	перфтор-трибутил-амин		
5	25	70	25	71	4	101.1	760
5	25	70	25	69	6	—	
7	22	71	33	64	3	—	
11	19	70	48	50	2	97.0	
12	17	71	51	46	3	96.5	
16	14	70	59	38	3	93.5	
17	12	71	64	33	3	92.7	
20	10	70	70	27	3	90.2	
21	8	71	71	25	4	90.6	
22	8	70	76	20	4	89.5	
23	7	70	76	20	4	89.1	
23	6	71	80	16	4	87.8	
26	4	70	84	11	5	86.7	
25	5	70	87	10	3	86.0	
28	1	71	92	5	3	84.7	

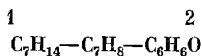
№ 2107

[460]

ЦИКЛОГЕКСАНОН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ—ФЕНОЛ



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
циклогексанон	циклогексильный спирт	фенол	циклогексанон	циклогексильный спирт	фенол	циклогексанон	циклогексильный спирт	фенол		
9.9	80.1	10.0	17.8	80.1	2.1	1.037	0.928	0.410	103.1	90
5.6	79.8	14.6	6.0	87.9	6.1	0.580	0.944	0.520	105.1	
11.3	58.2	30.5	17.5	71.7	10.8	0.725	0.886	0.532	109.1	
4.2	63.7	32.1	6.7	80.0	13.3	0.710	0.837	0.574	110.8	
15.7	42.8	41.5	22.9	56.7	20.4	0.605	0.828	0.632	112.7	
12.1	38.9	49.0	15.8	54.4	29.8	0.486	0.757	0.684	116.0	
13.2	27.2	59.6	15.5	38.3	46.2	0.405	0.697	0.793	118.5	
5.4	31.6	63.0	4.5	40.8	54.7	0.282	0.628	0.878	119.0	
14.0	15.9	70.1	13.6	20.5	65.9	0.313	0.583	0.881	120.8	
6.2	16.4	77.4	4.6	18.4	77.0	0.237	0.500	0.923	121.2	
10.3	76.2	13.5	18.9	77.9	4.2	1.092	0.979	0.475	102.2	
9.9	76.3	13.8	17.5	80.0	2.5	1.040	0.994	0.360	102.4	



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метилци- логексан	толуол	фенол	метилци- логексан	толуол	фенол	метилци- логексан	толуол	фенол		
0.88	17.11	82.01	8.70	69.50	21.80	3.05	1.575	0.80	146.1	760
1.30	24.30	74.40	9.40	73.10	17.50	2.92	1.56	1.05	135.6	
1.86	34.32	63.82	9.52	76.60	13.88	2.48	1.408	1.33	126.7	
2.26	44.89	52.85	8.96	82.10	8.94	2.12	1.265	1.17	121.1	
2.38	16.14	81.53	20.40	56.90	22.70	3.09	1.58	2.38	141.6	
2.87	7.23	89.90	37.88	35.80	26.48	3.73	1.78	0.79	150.0	
3.01	17.81	79.18	27.45	56.30	20.25	2.87	1.49	1.01	138.9	
3.36	32.80	63.84	16.70	70.30	12.40	2.47	1.38	1.23	125.6	
3.65	23.40	72.95	23.00	59.70	17.30	2.56	1.34	1.08	134.4	
4.11	15.96	79.94	31.37	47.23	21.40	2.86	1.44	1.09	137.8	
4.17	31.02	64.81	21.00	66.31	12.69	2.50	1.30	1.18	126.7	
4.60	31.35	64.05	23.10	65.30	11.60	2.58	1.38	1.21	124.4	
4.80	54.19	41.01	14.06	80.18	5.76	1.61	1.03	1.36	115.6	
5.47	21.63	72.90	32.60	52.82	14.58	2.68	1.404	1.10	128.9	
5.95	7.65	86.40	52.63	26.70	20.67	2.96	1.505	0.83	141.1	
6.24	11.21	82.55	46.45	34.10	19.45	2.77	1.45	0.95	138.9	
6.35	28.65	65.00	29.90	58.50	11.60	2.56	1.40	1.31	122.2	
6.40	5.42	93.98	14.12	40.20	45.68	4.83	2.09	0.90	161.1	
6.54	40.12	53.34	24.02	68.67	7.31	2.12	1.28	1.145	118.3	
6.99	5.51	87.50	54.01	17.01	28.98	2.76	1.41	0.98	146.7	
7.47	27.63	64.90	35.05	55.35	9.60	2.53	1.386	1.12	121.1	
8.18	6.41	85.41	61.32	19.90	18.78	2.69	1.422	0.82	140.0	
8.26	54.49	37.25	23.70	70.00	6.30	1.77	1.13	1.56	115.0	
8.95	9.22	81.83	58.51	25.30	16.19	2.64	1.39	0.88	135.6	
9.30	49.50	41.20	25.90	68.30	5.80	1.79	1.16	1.30	116.1	
10.45	36.55	53.00	35.53	57.27	7.21	2.03	1.24	1.145	116.7	
10.61	67.07	22.32	24.13	74.00	4.87	1.305	1.01	2.20	113.3	
10.90	19.41	69.69	51.30	37.81	10.89	2.59	1.44	1.10	122.2	
11.09	8.69	80.22	60.01	19.79	20.20	2.45	1.35	0.98	134.4	
11.53	3.40	85.07	74.40	10.20	15.40	2.45	1.45	0.73	137.8	
11.73	15.74	72.53	56.20	32.20	11.60	2.42	1.345	0.98	126.1	
11.98	18.52	69.50	54.10	37.30	8.60	2.365	1.35	0.92	125.0	
12.11	4.50	83.39	60.28	10.32	23.40	2.22	1.19	0.93	138.3	
12.21	44.20	43.59	32.98	59.57	7.45	1.59	1.03	1.30	120.0	
13.00	43.80	43.20	34.00	60.80	5.20	1.64	1.08	1.14	115.0	
13.09	12.00	74.91	61.59	23.19	15.22	2.315	1.26	1.14	126.1	
14.21	7.49	78.30	72.35	16.55	11.10	2.45	1.38	0.83	127.8	
14.79	4.09	81.12	79.40	9.41	11.29	2.60	1.45	0.83	131.1	
15.82	14.90	69.28	63.72	27.83	8.43	2.13	1.28	0.82	123.9	
15.82	73.83	10.35	25.75	72.15	2.10	1.245	0.98	2.39	110.0	
16.88	11.72	71.40	68.50	21.70	9.80	2.16	1.28	0.91	123.9	
18.51	31.98	49.51	51.75	42.80	5.45	1.80	1.12	1.03	115.6	
18.56	5.60	75.84	79.26	11.29	9.45	2.24	1.325	0.77	125.6	
19.71	6.59	73.70	78.20	11.20	10.60	1.26	1.06	—	120.5	
20.19	3.56	76.25	84.91	7.09	8.00	2.23	1.36	0.72	124.4	

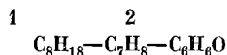
Таблица № 2108 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
метиллин-логексан	толуол	фенол	метиллин-логексан	толуол	фенол	метиллин-логексан	толуол	фенол		
20.37	16.86	63.27	66.97	25.90	7.13	1.91	1.21	0.91	119.4	760
21.42	22.40	56.18	62.89	31.41	6.50	1.84	1.16	1.00	117.2	
22.60	42.81	34.59	48.15	47.00	4.85	1.44	1.00	1.36	113.9	
23.27	6.22	70.51	82.53	10.73	6.74	2.00	1.265	0.74	121.7	
23.65	6.71	69.64	81.35	11.47	7.18	1.89	1.24	0.75	121.7	
23.94	10.08	65.98	77.33	16.01	6.66	1.92	1.25	0.80	119.4	
24.40	70.32	5.28	34.82	63.84	1.37	1.14	0.98	3.21	108.0	
25.54	33.78	40.68	56.31	38.69	5.00	1.50	1.005	1.20	113.9	
25.60	39.62	34.78	51.66	43.70	4.64	1.36	1.00	1.30	113.9	
25.77	54.90	19.33	43.23	53.25	3.52	1.30	0.99	1.98	110.5	
25.80	64.39	9.81	31.63	60.25	2.12	1.08	0.97	2.58	108.9	
30.18	15.72	54.10	75.80	19.16	5.04	1.665	1.05	0.87	115.6	
30.56	62.23	7.21	41.45	55.06	1.49	1.108	0.98	2.59	107.8	
30.58	8.12	61.30	83.35	11.37	5.28	1.725	1.15	0.75	117.2	
30.80	40.56	28.64	55.16	40.60	4.24	1.32	0.99	1.57	112.2	
31.73	4.69	63.58	87.09	6.80	6.11	1.655	1.15	0.78	118.9	
31.83	17.65	50.52	73.37	22.00	4.63	1.53	1.092	0.88	115.0	
37.26	24.80	37.94	69.80	25.50	4.70	1.38	0.99	1.26	118.3	
40.03	9.85	50.12	84.49	11.40	4.11	1.42	1.04	0.85	114.4	
40.60	16.80	42.60	76.75	17.45	5.73	1.336	0.94	1.39	113.3	
40.94	6.58	52.48	87.41	8.02	4.57	1.415	1.035	0.82	115.0	
41.82	12.18	46.00	81.52	13.33	5.15	1.31	0.98	1.04	114.4	
44.60	21.25	34.15	74.54	20.85	4.61	1.208	0.935	1.46	112.2	
45.13	30.42	24.45	68.01	28.23	3.26	1.20	0.975	1.712	110.0	
48.20	25.10	26.70	72.01	23.50	4.49	1.12	0.94	1.81	111.1	
49.85	44.44	5.71	60.14	38.30	1.56	1.05	1.00	3.75	106.1	
50.45	7.50	42.05	86.75	8.49	4.76	1.235	0.99	1.17	112.8	
54.34	38.25	7.41	64.64	33.55	1.81	1.02	0.99	3.26	106.7	
55.99	23.45	20.56	75.03	21.30	3.67	1.091	0.98	2.03	108.9	
56.07	17.97	25.96	79.18	16.40	4.42	1.10	0.98	1.88	110.0	
56.50	34.66	8.84	67.30	30.61	2.09	0.97	0.94	2.94	106.7	
57.12	10.69	32.19	86.38	9.88	3.74	1.10	0.953	1.29	110.0	
67.94	28.40	3.66	72.40	26.06	1.54	0.949	1.086	6.20	103.3	

$$\lg \gamma_1 = \frac{1}{T} \left[\frac{6.2 + 18.0 \frac{x_3}{x_2}}{\frac{x_1}{x_2} + 0.90 + 0.80 \frac{x_3}{x_2}} \right]^2$$

$$\lg \gamma_2 = \frac{1}{T} \left[\frac{7.2 - 13.6 \frac{x_3}{x_1}}{\frac{x_2}{x_1} + 1.11 + 0.90 \frac{x_3}{x_1}} \right]^2$$

$$\lg \gamma_3 = \frac{1}{T} \left[\frac{25.2 + 16.0 \frac{x_2}{x_1}}{\frac{x_3}{x_1} + 1.25 + 1.10 \frac{x_2}{x_1}} \right]^2$$



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			<i>t</i>	<i>P</i>
ИЗО- ОКТАН	ТОЛУОЛ	ФЕНОЛ	ИЗО- ОКТАН	ТОЛУОЛ	ФЕНОЛ	ИЗО- ОКТАН	ТОЛУОЛ	ФЕНОЛ		
0.95	7.82	91.23	21.30	41.50	37.20	6.35	1.95	1.00	148.9	760
1.13	31.50	67.37	9.59	74.43	15.98	3.73	1.376	1.10	131.4	
1.64	14.80	83.56	23.82	53.55	22.63	5.15	1.69	1.04	139.4	
2.00	15.49	82.51	26.06	52.74	21.20	4.80	1.61	1.02	137.8	
2.92	22.57	74.51	26.60	56.44	16.96	3.77	1.38	1.01	132.8	
3.00	17.38	79.62	32.80	52.00	15.20	4.18	1.49	0.92	136.7	
3.12	22.18	74.70	27.98	55.78	16.54	3.65	1.38	1.05	133.3	
3.57	34.43	62.00	21.20	66.58	12.22	2.94	1.23	1.17	127.8	
3.05	9.55	81.60	45.80	32.04	22.10	4.65	1.035	0.98	137.8	
4.18	24.14	71.68	33.50	54.00	12.50	3.63	1.36	0.99	129.4	
4.48	29.72	65.80	29.60	58.68	11.72	3.205	1.275	1.081	126.7	
4.72	17.48	78.10	42.82	44.80	12.38	3.84	1.43	0.86	132.2	
5.35	29.15	65.55	33.22	54.98	11.80	3.06	1.25	1.10	126.7	
5.68	26.65	67.67	35.99	53.16	11.05	3.035	1.28	1.04	126.7	
5.90	16.80	77.30	47.31	39.09	13.60	3.78	1.41	0.77	128.9	
5.96	21.80	72.24	41.65	46.00	12.35	3.20	1.285	0.966	128.9	
6.44	1.26	92.30	83.34	3.06	13.60	6.80	1.86	1.02	122.8	
7.06	82.58	10.36	14.58	83.15	2.17	1.54	1.00	2.48	110.5	
7.14	43.88	48.98	29.20	62.34	8.46	2.31	1.07	1.32	120.0	
7.69	15.97	76.39	54.43	35.40	10.17	3.405	1.41	0.87	126.7	
7.70	9.89	82.41	65.17	23.58	11.25	4.40	1.58	0.91	125.0	
8.90	19.18	71.92	53.54	35.86	10.60	3.055	1.30	0.98	124.4	
8.98	20.40	70.62	53.98	37.95	10.07	3.25	1.33	1.01	122.2	
9.00	35.10	55.90	39.42	52.88	7.70	2.60	1.19	1.12	121.1	
9.86	36.00	54.14	41.30	50.90	7.80	2.36	1.095	1.21	120.0	
10.20	58.90	30.90	27.08	67.30	5.62	1.64	0.97	1.63	115.6	
10.30	48.34	41.36	32.60	61.00	6.40	1.93	1.072	1.80	116.7	
10.56	30.24	59.20	47.00	44.20	8.20	2.71	1.19	1.06	118.3	
10.74	23.73	65.53	53.40	38.47	8.13	2.96	1.29	1.00	120.0	
10.79	14.31	74.90	64.70	26.20	9.10	2.98	1.325	0.87	122.2	
10.79	41.58	47.63	38.47	54.35	7.18	2.33	1.11	1.36	115.6	
11.02	16.54	72.44	61.68	29.40	8.92	3.10	1.30	0.90	121.6	
11.21	12.20	76.59	67.80	22.70	9.50	3.31	1.367	0.90	121.6	
12.79	32.21	55.00	48.40	44.44	7.16	2.41	1.175	1.17	116.1	
12.92	17.71	69.37	64.25	29.60	8.15	2.85	1.295	0.935	119.4	
14.09	31.95	53.96	51.78	41.14	7.08	2.33	1.12	1.20	115.6	
14.35	26.73	58.92	50.70	36.85	6.45	2.55	1.19	1.06	115.6	
14.63	23.78	61.59	59.35	33.80	6.85	2.57	1.20	1.01	115.6	
15.08	32.52	52.40	51.73	40.74	7.53	2.18	1.09	1.30	115.0	
15.21	1.79	83.00	89.76	2.80	7.44	4.04	1.47	0.85	112.8	
16.10	64.10	19.80	33.03	63.00	3.97	1.45	0.96	2.16	111.7	
16.58	73.48	9.94	29.56	68.44	2.10	1.32	0.98	2.50	109.4	
17.10	34.80	48.10	51.98	41.89	6.13	2.00	1.07	1.21	114.9	
17.56	22.14	60.30	64.37	29.20	6.43	2.40	1.16	1.02	114.9	
17.80	6.62	75.58	83.49	10.05	6.56	3.16	1.38	0.83	113.3	
17.81	9.56	72.63	79.41	14.05	6.54	2.98	1.34	0.88	110.0	
18.10	80.08	1.82	27.07	71.65	0.68	1.21	0.98	4.81	106.1	

Таблица № 2109 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
изо-октан	толуол	фенол	изо-октан	толуол	фенол	изо-октан	толуол	фенол		
18.41	78.53	3.06	28.99	70.16	0.85	1.25	0.975	3.58	106.1	760
18.80	27.85	53.35	59.34	33.30	7.36	2.03	1.07	1.22	114.4	
19.92	31.78	48.30	57.10	36.08	6.05	1.94	1.086	1.26	113.8	
21.18	8.96	69.86	82.78	12.00	6.22	2.70	1.25	0.90	112.8	
21.80	49.60	28.60	45.81	48.75	5.44	1.472	0.955	1.98	112.2	
21.94	37.23	40.83	53.93	40.10	5.97	1.64	1.00	1.47	113.3	
22.00	7.90	70.10	83.50	10.82	5.68	2.66	1.29	0.85	112.2	
22.80	2.80	74.40	91.10	3.70	5.20	3.26	1.35	1.795	110.0	
23.30	26.10	50.60	65.44	29.42	5.14	1.98	1.11	1.11	112.2	
23.80	55.40	20.80	44.16	52.10	4.54	1.36	0.98	2.46	110.0	
23.87	14.92	61.21	76.04	18.00	5.96	2.125	1.11	0.975	113.3	
25.41	3.14	71.45	90.98	3.89	5.13	2.62	1.24	0.82	110.0	
26.34	9.80	63.86	82.42	11.80	5.78	2.21	1.14	0.945	111.7	
26.42	62.10	11.48	40.96	56.40	2.64	1.21	0.98	2.81	107.8	
27.43	31.81	40.76	61.48	32.02	5.60	1.524	0.97	1.42	112.2	
27.50	8.90	63.60	82.59	10.38	6.68	2.20	1.16	0.96	110.5	
29.48	41.38	29.14	54.32	40.70	5.38	1.335	0.98	2.08	110.5	
30.42	14.78	54.80	79.43	15.88	4.69	1.925	1.082	1.04	110.5	
36.69	43.43	19.88	55.75	39.87	4.38	1.195	0.98	2.82	107.8	
37.54	3.11	59.35	92.25	3.30	4.45	1.87	1.11	0.90	108.3	
39.19	18.91	41.90	75.71	18.77	5.52	1.401	0.985	1.49	110.5	
42.50	48.50	9.00	56.31	41.15	2.54	1.09	0.99	3.99	105.6	
43.97	49.85	6.18	55.33	42.71	1.96	1.04	1.01	4.44	104.4	
44.30	53.50	2.20	52.30	46.70	1.00	1.02	1.03	6.68	108.9	
47.07	4.03	48.90	91.67	3.90	4.43	1.55	1.05	1.21	107.2	
48.50	24.57	26.93	72.21	22.35	5.44	1.16	0.985	2.58	107.8	
51.45	8.25	40.30	87.58	7.80	4.62	1.35	1.03	1.48	107.2	
52.02	28.09	19.89	71.30	24.59	4.11	1.13	1.009	3.05	105.6	
57.35	33.25	9.40	68.52	28.60	2.88	1.04	1.035	4.55	104.4	
58.80	11.70	29.50	84.37	10.39	4.24	1.22	1.02	2.01	106.1	
68.49	11.16	20.35	85.41	9.85	4.69	1.065	1.035	3.35	104.4	
73.60	16.77	9.63	82.06	14.68	3.26	1.027	1.108	5.29	102.2	
81.66	8.54	9.80	88.34	7.50	4.16	1.00	1.11	6.80	101.7	

$$\lg \gamma_1 = \frac{1}{T} \left[\frac{10 + 21.0 \frac{x_3}{x_2}}{\frac{x_1}{x_2} + 1.0 + 0.8 \frac{x_3}{x_2}} \right]^2$$

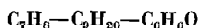
$$\lg \gamma_2 = \frac{1}{T} \left[\frac{10 - 13.0 \frac{x_3}{x_1}}{\frac{x_2}{x_1} + 1.0 + 0.80 \frac{x_3}{x_1}} \right]^2$$

$$\lg \gamma_3 = \frac{1}{T} \left[\frac{29.3 + 18.2 \frac{x_2}{x_1}}{\frac{x_3}{x_1} + 1.25 + 1.25 \frac{x_2}{x_1}} \right]^2$$

1

2

3

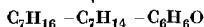


Состав жидкости, мол. %			Состав пара, мол. %			t	P
толуол	изонанан	фенол	толуол	изонанан	фенол		
2.30	20.36	77.34	5.69	77.91	16.40	132.8	760
4.10	14.95	80.95	10.70	73.30	16.00	133.3	
4.65	39.95	55.40	8.60	81.11	10.29	127.8	
6.50	30.30	63.20	13.18	75.52	11.30	130.0	
11.62	17.02	71.36	27.38	60.26	12.36	131.4	
14.16	4.54	81.40	47.46	31.96	20.58	140.0	
15.31	21.78	62.91	29.76	59.38	10.86	127.2	
15.76	2.26	81.98	60.40	18.33	21.27	141.1	
15.80	14.42	69.78	36.20	49.59	14.21	131.7	
17.23	19.05	63.72	36.60	51.88	11.52	127.8	
17.46	7.94	74.60	47.49	36.61	15.90	135.0	
19.36	5.06	75.58	57.50	26.10	16.40	139.9	
20.00	34.20	45.80	31.59	58.52	9.89	122.2	
20.40	10.00	69.60	46.25	38.46	15.29	131.7	
20.45	11.66	67.89	45.74	41.57	12.69	130.0	
21.20	13.38	65.42	45.65	41.48	12.87	128.3	
22.05	3.53	74.42	63.23	19.12	17.65	137.8	
24.45	16.32	59.23	46.35	41.68	11.97	126.7	
25.20	22.45	52.35	42.94	46.98	10.08	124.4	
25.40	4.87	69.73	63.85	21.25	14.90	132.8	
26.60	6.71	66.69	59.66	26.40	13.94	130.6	
28.42	3.79	67.79	69.34	16.58	14.08	129.8	
30.20	16.55	53.25	51.50	37.81	10.69	123.9	
31.06	6.54	62.40	66.90	20.62	12.48	127.8	
33.80	2.89	63.31	77.01	11.17	11.82	127.8	
35.56	12.94	51.50	59.00	30.11	10.89	124.5	

$$\lg \gamma_1 = \frac{1}{T} \left[\frac{10 - 13.0 \frac{x_3}{x_2}}{\frac{x_1}{x_2} + 1.0 + 0.8 \frac{x_3}{x_2}} \right]^2$$

$$\lg \gamma_2 = \frac{1}{T} \left[\frac{10 + 21 \frac{x_3}{x_1}}{\frac{x_2}{x_1} + 1.0 + 0.8 \frac{x_3}{x_1}} \right]^2$$

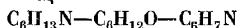
$$\lg \gamma_3 = \frac{1}{T} \left[\frac{29.3 + 18.2 \frac{x_1}{x_2}}{\frac{x_3}{x_2} + 1.25 + 1.25 \frac{x_1}{x_2}} \right]^2$$



Состав жидкости, мол. %			Состав пара, мол. %		t	P
гептан	метилцикло- гексан	фенол	гептан	метилцикло- гексан		
18.6	81.4	80.0	23.3	76.7	Пет данных	745
34.2	65.8	82.4	41.7	58.3		
56.6	43.4	81.1	63.1	36.9		
76.0	24.0	81.5	80.8	19.2		
43.4	56.6	58.5	47.9	52.1	200	6.87 ата
44.8	55.2	74.0	50.9	49.1		5.98 ата
40.3	59.7	92.0	48.5	51.5	250	3.67 ата
43.8	56.2	65.5	48.4	51.6		13.6 ата
43.9	56.1	81.5	49.8	50.2		11.2 ата
39.0	61.0	91.6	45.8	54.2		8.50 ата

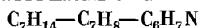
Примечание. Составы жидкости и пара рассчитаны без учета содержания растворителя (фенола).

ЦИКЛОГЕКСИЛАМИН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ—АНИЛИН



Состав жидкости, мол. %			Состав пара, мол. %			t	P
циклогек- силамин	циклогек- сировый спирт	анилин	циклогек- силамин	циклогек- сировый спирт	анилин		
9.9	24.4	65.7	21.4	34.0	44.6	166.9	760
11.0	47.1	41.9	18.6	54.2	27.2	163.3	
13.1	32.1	54.8	24.4	40.4	35.2	164.8	
21.3	30.3	48.4	38.8	32.7	28.5	160.2	
27.1	28.5	44.4	49.1	27.8	23.1	159.5	
38.9	22.4	38.7	62.8	18.2	19.0	150.1	
39.9	8.8	51.3	67.5	6.7	25.8	154.7	
42.1	51.7	6.2	58.6	38.1	3.3	150.3	
43.8	42.6	13.6	62.1	31.1	6.8	151.5	

МЕТИЛЦИКЛОГЕКСАН—ТОЛУОЛ—АНИЛИН



Состав жидкости, вес. %			Состав пара, вес. %			t	P
метилцикло- гексан	толуол	анилин	метилцикло- гексан	толуол	анилин		
0.0	55.9	44.1	0.0	91.0	9.0	125.3	760
13.6	41.9	44.5	37.4	55.1	7.6	117.7	
27.4	29.4	43.2	59.8	32.8	7.4	113.6	
42.0	14.7	43.3	77.8	15.4	6.8	110.2	
57.0	0.0	43.0	93.4	0.0	6.6	107.9	
0.0	44.8	55.2	0.0	88.3	11.7	130.0	

Таблица № 2113 (продолжение)

Состав жидкости, вес. %			Состав пара, вес. %			t	P
метилциклогексан	толуол	анилин	метилциклогексан	толуол	анилин		
10.6	33.9	55.5	37.4	52.7	9.9	122.9	760
21.4	24.2	54.4	60.0	31.0	9.0	117.5	
32.8	14.1	53.1	76.1	16.1	7.8	112.9	
46.3	0.0	53.7	92.7	0.0	7.3	109.8	
0.0	30.7	69.3	0.0	81.7	18.3	139.1	
7.6	25.5	66.9	36.0	50.0	14.0	129.5	
15.2	18.1	66.7	58.6	29.4	12.0	123.0	
24.2	9.2	66.6	76.5	12.9	10.6	118.3	
34.5	0.0	65.5	91.2	0.0	8.8	112.9	
0.0	23.6	76.4	0.0	76.3	23.7	145.6	
4.8	18.4	76.8	33.4	48.7	17.9	139.0	
9.5	12.8	77.7	55.4	29.3	15.3	132.5	
16.7	6.8	76.5	75.0	12.3	12.7	125.2	
24.0	0.0	76.0	90.0	0.0	10.0	118.6	
0.0	16.6	83.4	0.0	68.9	31.1	153.9	
2.8	14.2	83.0	25.6	50.0	24.4	146.6	
6.7	9.9	83.4	51.2	20.2	19.6	139.8	
11.9	5.5	82.6	70.5	12.8	16.7	132.9	
18.8	0.0	81.2	89.3	0.0	10.7	125.1	

№ 2114

МЕТИЛЦИКЛОГЕКСАН—ТОЛУОЛ—АНИЛИН

[963]

 $C_7H_{14}-C_7H_8-C_6H_7N$

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилциклогексан	толуол	анилин	метилциклогексан	толуол	анилин		
9.4	80.59	10.01	17.8	80.80	1.40	80.0	289.87
11.7	35.80	52.50	44.2	50.90	4.90		246.51
22.5	67.74	9.76	36.1	62.49	1.41		316.64
34.5	35.30	30.20	63.0	33.71	3.29		316.52
44.5	45.15	10.35	59.1	39.24	1.66		345.98
67.0	22.24	10.10	78.8	19.20	2.00	90.0	368.29
81.2	8.66	10.14	90.0	7.75	2.25		376.21
9.4	80.65	9.95	16.9	81.54	1.56		402.87
11.7	36.00	52.30	42.6	51.60	5.80		336.22
22.5	67.73	9.77	35.2	63.21	1.59		437.54
24.4	25.40	50.20	65.4	29.49	5.11	100.02	395.16
34.2	35.50	30.30	61.9	34.25	3.85		430.93
36.3	13.20	50.50	81.8	13.11	5.09		432.32
44.3	45.50	10.20	58.2	39.95	1.85		476.13
67.7	22.17	10.13	78.3	19.50	2.20		505.05
81.2	8.68	10.12	89.5	8.04	2.46		515.51
9.4	80.74	9.86	16.8	81.46	1.74		549.93
11.7	36.20	52.10	41.2	52.09	6.71		450.74
22.6	67.68	9.72	34.5	63.74	1.76		593.06
24.4	25.80	49.80	63.7	30.30	6.00		525.24

Таблица № 2114 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			t	P
метилциклогексан	толуол	анилин	метилциклогексан	толуол	анилин		
34.0	35.80	30.20	60.4	35.16	4.44	100.02	577.40
36.3	13.10	50.60	80.6	13.44	5.96		571.74
44.2	45.60	10.14	57.4	40.56	2.04		641.94
67.5	22.44	10.06	77.6	20.05	2.35		679.28
81.1	8.86	10.04	89.4	7.91	2.69		691.05

№ 2115

ГЕПТАН—ТОЛУОЛ—АНИЛИН

[609]



Состав жидкости, мол. %			Состав пара, мол. %			t	P
гептан	толуол	анилин	гептан	толуол	анилин		
11.2	65.3	23.5	56.0	39.1	4.9	107.0	760
13.0	44.6	42.4	53.4	39.9	6.7	113.0	
9.2	46.3	44.5	51.9	40.5	7.6	113.5	

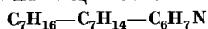
№ 2116

ГЕПТАН—2-ГЕПТИЛЕН—АНИЛИН

[443]



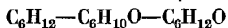
Состав жидкости, мол. %			Состав пара, мол. %		t	P
гептан	2-гептилен	анилин	гептан	2-гептилен		
1.3	18.7	80.0	8.8	91.2	116.7	751
2.4	17.6	80.0	15.7	84.3	115.5	
4.3	15.7	80.0	26.8	73.2	114.9	
6.3	13.7	80.0	37.4	62.6	114.3	
8.3	11.7	80.0	47.8	52.2	113.0	
10.2	9.8	80.0	57.0	43.0	112.1	
12.4	7.6	80.0	67.5	32.5	111.7	
14.3	5.7	80.0	76.4	23.6	111.5	
14.4	5.6	80.0	76.8	23.2	111.5	
16.3	3.7	80.0	84.7	15.3	110.9	
18.3	1.7	80.0	93.4	6.6	110.8	



Состав жидкости, мол. %			Состав пара, мол. %		t	P
гептан	метилцикло- гексан	анилин	гептан	метилцикло- гексан		
9.8	90.2	58	12.0	88.0	114	745
35.7	64.3		41.1	58.9	113	
64.4	35.6		69.6	30.4	113	
89.0	11.0		91.0	9.0	110	
7.9	92.1	78	10.4	89.6	124	
24.0	76.0		30.5	69.5	121	
42.4	57.6		50.3	49.7	121	
64.7	35.3		72.0	28.0	121	
88.1	11.9		91.4	8.6	122	
19.8	80.2	92	27.3	72.7	142	
44.9	55.1		55.4	44.6	140	
71.1	28.9		79.0	21.0	138	
91.8	8.2		94.0	6.0	136	
43.4	56.6	85.0	50.8	49.2	50	141
42.8	57.2	80.8	50.4	49.6	64	201
43.1	56.9	79.0	50.7	49.3	80	301
42.9	57.1	83.1	50.8	49.2	79	293
42.5	57.5	80.9	50.2	49.8	91	397
42.3	57.7	80.7	50.2	49.8	101	494
43.9	56.1	78.6	51.3	48.7	101	499
42.2	57.8	82.2	50.2	49.8	105	538
43.1	56.9	81.4	51.1	48.9	110	597
41.8	58.2	82.1	50.2	49.8	122	748
56.2	43.8	76.5	62.9	37.1	150	2.29 ата
25.1	74.9	75.1	30.5	69.5		2.14 ата
25.9	74.1	74.5	31.2	68.8		2.14 ата
28.5	71.5	82.5	37.8	62.2		1.94 ата
38.1	61.9	82.5	45.6	54.4		1.97 ата
37.1	62.9	85.9	44.9	55.1		1.77 ата
23.5	76.5	82.2	29.4	70.6		1.90 ата
71.0	29.0	88.1	77.6	22.4		1.84 ата
42.8	57.2	67.0	48.3	51.7		2.38 ата
44.4	55.6	44.2	48.3	51.7		2.72 ата
36.3	63.7	94.0	44.1	55.9	200	2.96 ата
40.8	59.2	72.0	46.2	53.8		5.54 ата
42.9	57.1	76.2	49.0	51.0		5.20 ата
40.6	59.4	88.6	48.2	51.8		3.84 ата
41.0	59.0	77.1	46.5	53.5	250	10.6 ата
41.6	58.4	91.5	48.6	51.4		7.68 ата
42.7	57.3	75.7	48.1	51.9		11.2 ата
63.9	36.1	69.7	68.0	32.0	280	18.0 ата

Примечание. Составы жидкости и пара рассчитаны без учета содержания растворителя (анилина).

ЦИКЛОГЕКСАН—ЦИКЛОГЕКСАНОН—ЦИКЛОГЕКСИЛОВЫЙ СПИРТ



Состав жидкости, вес. %			Состав пара, вес. %			t	P
цикло-гексан	цикло-гексанон	циклогексисловый спирт	цикло-гексан	цикло-гексанон	циклогексисловый спирт		
12.50	65.63	21.87	76.2	21.2	2.6	119.30	760
25.00	56.25	18.75	89.4	9.9	0.7	103.20	
37.50	46.88	15.62	92.7	6.8	0.5	95.45	
50.00	37.50	12.50	94.0	5.6	0.4	91.00	
62.50	28.13	9.37	96.1	3.5	0.4	87.80	
75.00	18.75	6.25	97.1	2.6	0.3	85.30	
87.50	9.38	3.12	98.2	1.5	0.3	83.20	
12.50	43.75	43.75	80.7	12.5	6.8	119.80	
25.00	37.50	37.50	91.7	6.6	1.7	102.90	
37.50	31.25	31.25	93.1	5.6	1.3	94.30	
50.00	25.00	25.00	95.7	3.5	0.8	90.25	
62.50	18.75	18.75	96.4	3.0	0.6	87.30	
75.00	12.50	12.50	97.4	1.9	0.7	85.05	
87.50	6.25	6.25	98.0	1.6	0.4	83.25	
12.50	21.88	65.62	82.0	8.0	10.0	120.20	
25.00	18.75	56.25	92.1	4.0	3.9	101.10	
37.50	15.63	46.87	95.4	2.3	2.3	93.10	
50.00	12.50	37.50	96.3	1.9	1.8	89.30	
62.50	9.38	28.12	97.5	1.1	1.4	86.75	
75.00	6.25	18.75	98.1	0.7	1.2	84.65	
87.50	3.13	9.37	98.6	0.4	1.0	82.90	

ЦИКЛОГЕКСАН—ГЕПТАН—ТОЛУОЛ



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
цикло-гексан	гептан	толуол	цикло-гексан	гептан	толуол	цикло-гексан	гептан	толуол		
1.4	7.1	91.5	3.5	12.4	84.1	1.18	1.35	1.00	107.6	760
1.9	8.7	89.4	4.2	14.8	81.0	1.11	1.32	1.00	107.0	
2.2	10.5	87.3	4.8	16.9	78.3	1.07	1.28	1.01	106.5	
2.7	13.4	83.9	5.7	20.0	74.3	1.06	1.21	1.01	105.7	
3.3	16.5	80.2	6.9	24.3	68.8	1.07	1.23	1.02	104.8	
4.2	20.1	75.7	8.6	27.7	63.7	1.07	1.19	1.03	103.6	
4.9	24.1	71.0	9.7	31.8	58.5	1.07	1.16	1.03	102.8	
5.3	26.0	68.7	10.3	33.7	56.0	1.06	1.15	1.04	102.4	
5.4	29.1	65.5	10.4	36.4	53.2	1.06	1.13	1.05	101.9	
6.0	30.0	64.0	11.4	37.5	51.1	1.05	1.14	1.04	101.5	
6.1	31.4	62.5	11.3	38.3	50.4	1.04	1.12	1.06	101.35	
7.2	33.2	59.6	12.7	39.8	47.5	1.00	1.12	1.06	100.9	
6.7	34.6	58.7	11.9	40.9	47.2	1.02	1.10	1.07	100.8	

Таблица № 2119 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
цикло- гексан	гептан	толуол	цикло- гексан	гептан	толуол	цикло- гексан	гептан	толуол		
7.5	36.6	55.9	13.4	42.5	44.1	1.02	1.10	1.07	100.25	760
7.3	37.6	55.1	12.0	43.1	44.0	1.02	1.08	1.08	100.25	
7.9	41.2	50.9	14.0	44.7	41.3	1.03	1.07	1.09	99.7	
8.7	45.3	46.0	14.6	48.9	36.5	1.00	1.06	1.11	99.1	
9.2	47.8	43.0	15.7	50.3	34.0	1.02	1.04	1.12	98.75	
9.7	52.0	38.3	16.1	53.8	30.1	1.01	1.04	1.13	98.15	
10.6	55.5	33.9	17.1	56.0	26.9	1.00	1.03	1.16	97.65	
11.3	58.8	29.9	17.8	57.5	24.7	0.99	1.01	1.18	97.2	
12.3	62.8	24.9	19.0	61.3	19.7	0.98	1.02	1.19	96.75	
14.0	69.5	16.5	21.2	65.8	13.0	0.98	1.01	1.22	96.1	
14.4	75.2	10.4	21.7	69.8	8.5	0.99	1.01	1.27	95.6	
15.7	81.8	2.5	23.3	74.8	1.9	0.99	1.01	1.20	95.0	
1.8	3.9	94.3	5.1	6.8	88.1	1.33	1.35	1.01	107.7	
4.2	8.6	87.2	10.8	13.3	75.9	1.28	1.28	1.01	105.35	
5.4	9.9	84.7	12.5	15.0	72.5	1.19	1.27	1.02	104.55	
6.5	11.8	81.7	14.3	17.2	68.5	1.17	1.24	1.02	103.7	
7.6	13.7	78.7	16.2	19.3	64.5	1.15	1.23	1.02	102.8	
8.8	15.9	75.3	17.8	21.4	60.8	1.11	1.21	1.03	102.1	
10.8	19.2	70.0	21.2	23.8	55.0	1.10	1.15	1.03	101.1	
11.6	20.6	67.8	22.5	25.0	52.5	1.11	1.14	1.04	100.5	
12.0	22.2	65.2	23.0	26.3	50.1	1.09	1.13	1.05	100.0	
13.9	24.2	61.9	25.1	27.6	47.3	1.06	1.11	1.06	99.4	
14.8	25.7	59.5	26.3	28.8	44.9	1.06	1.11	1.07	98.85	
15.0	27.4	56.7	27.8	29.8	42.4	1.06	1.09	1.07	98.3	
16.9	29.3	53.8	28.9	31.0	40.1	1.05	1.08	1.09	97.7	
18.1	31.3	50.6	30.4	32.3	37.3	1.05	1.07	1.09	97.2	
19.3	32.2	48.5	31.9	32.8	35.3	1.04	1.07	1.09	96.85	
21.0	35.2	43.8	33.7	34.8	31.5	1.03	1.05	1.11	96.15	
22.7	38.1	39.2	35.4	36.6	28.0	1.02	1.04	1.12	95.45	
24.5	40.9	34.6	37.5	38.6	23.9	1.03	1.05	1.12	94.65	
27.0	44.0	29.0	39.4	40.2	20.4	1.00	1.04	1.16	94.05	
28.2	47.8	24.0	41.2	42.0	16.8	1.01	1.01	1.18	93.4	
30.4	51.8	17.8	43.75	44.05	12.2	1.02	1.01	1.19	92.45	
30.5	51.0	18.5	43.5	43.5	13.0	1.01	1.01	1.20	92.8	
31.2	50.8	18.0	43.9	43.3	12.8	1.00	1.01	1.22	92.65	
32.6	53.0	14.4	44.6	45.0	10.4	0.98	1.02	1.26	92.3	
33.8	55.0	11.2	46.3	45.7	8.0	0.99	1.01	1.28	91.8	
36.1	58.9	5.0	48.4	47.7	3.9	0.99	1.00	1.40	91.2	
9.7	8.8	81.5	20.9	12.4	66.7	1.15	1.26	1.03	102.7	
11.3	10.2	78.5	23.8	13.7	62.5	1.10	1.23	1.03	101.6	
13.5	12.0	74.5	26.7	15.1	58.2	1.13	1.18	1.05	100.55	
15.1	13.3	71.6	28.8	16.4	54.8	1.11	1.18	1.05	99.8	
16.7	14.7	68.6	30.4	17.1	52.5	1.08	1.14	1.06	99.1	
17.9	15.8	66.3	32.8	18.4	48.8	1.10	1.16	1.05	98.45	

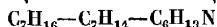
Таблица № 2119 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
цикло- гексан	гептан	толуол	цикло- гексан	гептан	толуол	цикло- гексан	гептан	толуол		
19.9	18.5	61.6	34.8	19.6	45.6	1.07	1.14	1.06	97.8	760
21.6	18.8	59.6	36.8	20.4	42.8	1.07	1.15	1.07	97.0	
22.0	19.6	58.4	37.5	20.7	41.8	1.08	1.11	1.08	96.7	
23.1	20.1	56.8	38.5	21.3	40.2	1.07	1.10	1.08	96.3	
24.6	21.3	54.1	40.4	21.8	37.8	1.07	1.11	1.09	95.8	
26.4	22.7	50.9	42.4	22.4	35.2	1.06	1.09	1.10	95.15	
28.5	24.4	47.1	44.0	23.4	32.6	1.04	1.08	1.12	94.35	
30.7	26.4	42.9	46.6	24.6	28.8	1.05	1.07	1.12	93.6	
32.9	28.3	38.8	48.6	25.5	25.9	1.03	1.06	1.14	92.9	
35.4	30.1	34.5	50.7	26.5	22.8	1.03	1.06	1.16	92.15	
38.2	32.0	29.8	52.9	27.3	19.8	1.02	1.05	1.19	91.45	
41.3	34.3	24.4	55.5	28.2	16.3	1.01	1.04	1.23	90.65	
44.2	36.1	19.7	57.6	29.0	13.4	1.00	1.04	1.27	89.95	
46.6	37.9	15.5	59.5	30.0	10.5	0.99	1.04	1.29	89.3	
49.0	40.0	11.0	61.3	31.0	7.7	1.00	1.04	1.35	88.7	
51.7	42.1	6.2	64.5	31.3	4.2	1.01	1.03	1.33	88.0	
7.9	2.8	89.3	19.7	4.1	76.2	1.28	1.23	1.01	104.7	
9.8	3.4	86.8	23.1	4.7	72.2	1.24	1.20	1.02	103.65	
13.7	4.6	81.7	29.8	6.0	64.2	1.21	1.19	1.02	101.6	
15.9	5.2	78.9	32.9	6.6	60.5	1.18	1.19	1.02	100.7	
17.3	5.5	77.2	35.1	6.9	58.0	1.17	1.21	1.02	100.0	
19.5	6.3	74.2	38.0	7.4	54.6	1.15	1.15	1.03	99.1	
21.4	6.7	71.9	40.2	7.9	51.9	1.14	1.18	1.04	98.3	
23.0	7.1	69.9	42.8	8.2	49.0	1.15	1.19	1.03	97.5	
24.5	7.8	67.7	44.6	8.6	46.8	1.15	1.15	1.04	96.85	
26.4	8.3	65.3	46.3	9.0	44.7	1.12	1.15	1.05	96.4	
28.2	8.6	63.2	48.3	9.3	42.4	1.11	1.17	1.05	95.8	
29.3	9.1	61.6	49.4	9.5	41.1	1.11	1.14	1.06	95.3	
30.7	9.5	59.8	50.5	9.8	39.7	1.10	1.14	1.06	94.9	
32.7	10.3	57.0	52.5	10.3	37.2	1.09	1.13	1.07	94.25	
33.7	10.8	55.5	53.6	10.5	35.9	1.09	1.11	1.07	93.85	
35.0	11.0	54.0	54.6	10.6	34.8	1.08	1.11	1.08	93.5	
36.0	11.4	52.6	55.8	11.0	33.2	1.08	1.13	1.07	93.1	
37.3	11.6	51.1	57.0	10.8	32.2	1.08	1.09	1.08	92.9	
39.6	12.4	48.0	58.9	11.1	30.0	1.07	1.08	1.09	92.2	
42.7	12.9	44.4	61.1	11.3	27.6	1.05	1.08	1.11	91.45	
45.6	13.5	40.9	63.4	11.6	25.0	1.06	1.08	1.12	97.5	
48.4	14.3	37.3	65.3	12.0	22.7	1.03	1.08	1.14	98.3	
51.9	15.1	33.0	68.5	11.9	19.6	1.03	1.04	1.13	99.1	
54.7	16.2	29.1	70.6	12.3	17.1	1.03	1.03	1.15	100.0	
57.9	17.0	25.1	72.6	12.9	14.5	1.02	1.05	1.18	100.7	
61.1	17.9	21.0	74.5	13.0	12.5	1.02	1.03	1.22	101.6	
67.3	19.3	13.4	78.3	13.7	8.0	1.00	1.04	1.27	103.65	
72.7	21.0	6.3	81.4	14.8	3.8	1.00	1.08	1.34	104.7	



Состав жидкости, мол. %			Состав пара, мол. %			t	P
гептан	цикло-гексан	толуол	гептан	цикло-гексан	толуол		
21.3	24.6	54.1	22.0	40.4	37.6	95.92	760
20.1	23.1	56.8	21.3	38.8	39.9	96.51	
15.8	17.9	66.3	18.5	32.7	48.8	98.79	
14.7	16.7	68.6	17.7	31.1	51.2	99.39	
10.2	11.3	78.5	13.8	23.3	62.9	102.28	
8.8	9.7	81.5	12.4	20.7	66.9	103.25	
21.0	72.7	6.3	14.5	81.7	3.8	84.64	
19.3	67.3	13.4	13.8	78.3	7.9	85.68	
17.9	61.1	21.0	13.4	74.1	12.5	86.94	
15.1	51.9	33.0	12.3	67.9	19.8	89.02	
14.3	48.4	37.3	12.0	65.4	22.6	89.88	
13.5	45.6	40.9	11.6	63.3	25.0	90.61	
11.6	37.3	51.1	11.1	56.3	32.6	92.93	
11.4	36.0	52.6	11.1	55.1	33.8	93.32	
11.0	35.0	54.0	10.8	54.3	34.9	93.65	
9.5	30.7	59.8	9.9	50.2	39.9	95.10	
9.1	29.3	61.6	9.7	48.8	41.5	95.59	
8.6	28.2	63.2	9.3	47.7	43.0	96.01	
7.1	23.0	69.9	8.4	41.7	49.9	98.02	
6.7	21.4	71.9	8.1	39.7	52.2	98.67	
6.3	19.5	74.2	7.9	37.2	54.9	99.47	
4.6	13.7	81.7	6.4	28.6	65.0	102.2	
3.4	9.8	86.8	5.1	21.9	73.0	104.3	
2.8	7.9	89.3	4.4	18.3	77.3	105.4	
81.8	15.7	2.5	74.0	23.9	2.1	94.86	
75.2	14.4	10.4	69.3	22.3	8.4	95.42	
55.5	10.6	33.9	55.9	17.6	26.5	97.56	
52.0	9.7	38.3	53.6	16.4	30.0	98.06	
37.6	7.3	55.1	43.0	13.4	43.6	100.16	
33.6	7.5	58.9	42.0	13.8	44.2	100.2	
30.0	6.0	64.0	36.8	11.6	51.6	101.5	
29.1	5.4	65.5	36.2	10.6	53.2	101.9	
16.5	3.3	80.2	23.7	7.2	69.1	104.8	
13.4	2.7	83.9	20.1	6.1	73.8	105.7	
58.9	36.1	5.0	47.6	48.8	3.6	90.76	

№ 2121 ГЕПТАН—МЕТИЛЦИКЛОГЕКСАН—ЦИКЛОГЕКСИЛАМИН [568]



Состав жидкости, мол. %			Состав пара, мол. %		t	P
гептан	метилцикло-гексан	циклогекс-иламин	гептан	метилцикло-гексан		
20.4	79.6	75.6	22.9	77.1	Нет данных	745
37.5	62.5	76.2	41.2	58.8		
56.6	43.4	76.6	60.2	39.8		
79.1	20.9	77.0	81.4	18.6		

Примечание. Составы жидкости и пара рассчитаны без учета содержания рас-
творителя (циклогексиламина).

ОКТАН—ЭТИЛЦИКЛОГЕКСАН—БУТИЛЦЕЛЛОЗОЛЬ



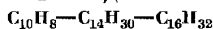
Состав жидкости, мол. %			Состав пара,* мол. %		t	P
октан	этилцикло-гексан	бутилцел-лозоль	октан	этилцикло-гексан		
24.0	76.0	0.0	26.8	73.2	107.87	400
15.88	51.12	33.0	27.6	72.4	111.4	
11.45	38.55	50.0	27.2	72.8	105.05	
7.96	25.74	67.0	26.8	73.2	124.0	
5.6	19.4	75.0	27.6	72.4	128.8	
4.32	15.68	80.0	26.8	73.2	131.6	
48.2	51.8	0.0	51.2	48.8	106.6	
31.5	35.5	33.0	51.6	48.4	113.3	
21.6	28.4	50.0	48.7	51.3	116.3	
14.35	18.65	67.0	50.2	49.8	122.2	
11.12	13.88	75.0	51.5	48.5	127.4	
8.7	11.3	80.0	50.8	49.2	132.6	
74.1	25.9	0.0	76.0	24.0	105.4	
49.04	17.96	33.0	70.9	29.1	108.8	
36.35	13.65	50.0	77.3	22.7	111.9	
23.73	9.27	67.0	77.6	22.4	122.8	
18.0	7.0	75.0	78.0	22.0	125.5	
14.36	5.64	80.0	78.1	21.9	132.4	

* Состав пара рассчитан без учета содержащегося в нем бутилцеллозоля.

ГЕПТАН—МЕТИЛЦИКЛОГЕКСАН—ТОЛУОЛ



Состав жидкости, мол. %			Состав пара, мол. %			t	P
гептан	метилцик-логексан	толуол	гептан	метилцик-логексан	толуол		
4.60	73.85	21.55	5.50	76.35	18.15	Нет данных	760
10.25	68.05	21.70	11.20	70.45	18.35		
15.90	59.30	24.80	17.65	60.45	21.90		
20.40	53.55	26.05	22.30	55.00	22.70		
25.40	50.05	24.55	28.10	50.75	21.15		
28.90	47.05	24.05	31.85	47.50	20.65		
32.40	43.95	23.65	35.50	43.95	20.55		
35.75	40.00	24.25	38.85	40.05	21.10		
40.70	34.85	24.45	44.25	34.45	21.30		
44.75	30.05	25.20	48.35	29.85	21.80		
47.90	25.65	26.45	51.60	25.70	22.50		
51.70	22.25	26.05	56.00	22.00	22.00		
55.00	17.30	27.70	57.90	18.25	23.85		
60.30	13.60	26.10	64.70	13.40	21.90		
62.35	10.00	27.65	67.20	9.75	23.05		
66.05	7.95	26.00	70.65	7.50	21.85		
68.85	4.45	26.70	73.90	3.95	22.15		



Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
нафталин	тетра- декан	гексаде- цен	нафталин	тетра- декан	гексаде- цен	нафталин	тетра- декан	гексаде- цен		
2.6	55.3	42.1	12.1	65.4	22.5	1.448	0.931	0.907	Нет данных	200
3.5	62.3	34.2	13.5	70.5	16.0	1.284	0.967	0.917		
1.8	71.3	26.9	2.9	84.6	12.5	0.945	1.032	0.939		
73.9	9.8	16.3	90.1	6.2	3.7	1.012	1.643	1.539		
54.9	40.2	4.9	75.9	23.0	1.1	1.037	1.315	1.313		
2.2	1.9	95.9	4.8	10.5	84.7	—	—	—		
20.7	33.1	46.2	52.3	27.6	20.1	0.991	0.864	1.074		
6.5	0.9	92.6	26.0	3.9	70.1	—	—	—		
6.8	2.1	91.1	28.3	7.0	64.7	—	—	—		
4.2	16.1	79.7	13.3	26.9	59.8	—	—	—		
81.9	4.3	13.8	94.3	1.6	4.1	0.999	0.969	2.484		
14.9	78.5	6.6	36.5	60.7	2.8	1.121	0.973	1.342		
19.1	79.6	1.3	41.3	57.8	0.9	1.106	1.016	2.387		
38.4	40.8	20.8	66.5	26.0	7.5	1.022	1.062	1.518		
10.1	7.2	82.7	36.6	5.3	58.1	—	—	—		
45.5	24.0	30.5	76.5	13.6	9.9	0.998	0.990	1.443		
83.7	11.3	5.0	91.9	6.3	1.8	—	—	—		
14.9	2.2	82.9	46.2	0.3	53.5	—	—	—		
3.6	80.0	16.4	10.7	83.3	6.0	1.089	0.996	0.882		
9.6	13.7	76.7	33.6	18.1	48.3	—	—	—		
7.3	83.5	9.2	20.8	76.4	2.8	1.147	0.980	0.762		
20.7	41.0	38.3	50.8	34.1	15.1	1.012	0.914	1.038		
32.4	38.5	29.1	63.1	26.1	10.8	1.021	0.975	1.313		
90.3	2.4	7.3	96.2	1.3	2.5	1.000	1.641	2.740		
7.2	67.7	25.1	20.8	69.2	10.0	1.052	0.972	0.894		
22.1	59.1	18.8	49.0	44.3	6.7	1.048	0.975	1.125		
16.1	2.5	81.4	50.1	4.4	45.5	—	—	—		
10.8	37.5	51.7	32.6	43.5	23.9	1.000	0.986	0.905		
18.2	3.2	78.6	52.6	3.8	43.6	—	—	—		
9.7	19.5	70.8	32.0	24.8	43.2	—	—	—		
21.3	38.5	40.2	50.0	33.8	16.2	0.970	0.967	1.058		
73.7	18.5	7.8	87.5	9.9	2.6	1.019	1.437	2.339		
16.2	8.3	75.5	49.4	9.5	41.1	—	—	—		
63.5	26.8	9.7	82.5	14.2	3.3	—	—	—		
12.4	49.4	38.2	35.6	47.1	17.3	1.044	0.904	1.012		
2.4	49.2	48.4	7.4	66.7	25.9	0.908	1.004	0.896		
2.3	43.4	54.3	7.0	61.5	31.5	0.862	0.998	0.921		
22.4	20.8	56.8	57.6	17.7	24.7	0.976	0.851	1.023		
7.8	35.2	57.0	25.2	44.4	30.4	0.980	0.967	0.928		
12.4	20.6	67.0	39.4	20.9	39.7	—	—	—		
5.3	32.3	62.4	17.0	46.2	36.8	—	—	—		
2.0	29.8	68.2	6.1	46.3	47.6	0.778	0.968	0.956		
19.7	19.7	60.6	52.8	17.7	29.5	—	—	—		
8.9	18.9	72.2	30.7	27.1	42.2	0.954	0.984	0.896		
22.2	14.3	63.5	59.5	12.4	28.1	0.970	0.818	0.978		

Таблица № 2124 (продолжение)

Состав жидкости, мол. %			Состав пара, мол. %			Коэффициент активности			t	P
нафталин	тетра- декан	гекса- децен	нафталин	тетра- декан	гекса- децен	нафталин	тетра- декан	гекса- децен		
32.5	10.4	57.1	69.3	9.0	21.7	—	—	—	Нет данных	200
20.4	28.4	51.2	52.0	25.8	22.2	—	—	—		
24.7	29.3	46.0	57.4	24.6	18.0	—	—	—		
4.2	19.1	76.7	14.7	30.3	55.0	0.871	0.961	0.950		
2.4	7.6	90.0	11.1	15.3	73.6	1.028	1.055	0.931		
86.5	1.9	11.6	95.9	1.7	2.4	1.002	2.575	1.519		
65.3	8.9	25.8	88.0	4.4	7.6	1.009	1.143	1.759		
43.6	5.3	51.1	79.8	4.4	15.8	—	—	—		
33.7	16.6	49.7	69.7	12.8	17.5	—	—	—		
1.3	4.5	94.2	7.1	9.0	83.9	1.162	0.998	0.958		
1.0	11.2	87.8	4.0	20.3	75.7	0.879	0.944	0.969		
1.0	13.4	85.6	5.4	24.4	70.2	1.209	0.969	0.943		
25.2	38.7	36.1	56.4	30.7	12.9	—	—	—		
72.4	4.9	22.7	90.6	2.5	6.9	0.997	1.260	1.961		
34.2	30.3	35.5	68.1	20.6	11.3	—	—	—		
14.3	55.3	30.4	37.9	49.8	12.3	—	—	—		
51.1	21.0	27.9	79.3	12.8	7.9	—	—	—		
31.1	6.1	62.8	69.7	6.3	24.0	0.936	1.151	1.015		
30.9	52.0	10.5	64.8	31.1	4.1	1.042	1.028	1.735		
28.6	51.1	20.3	58.7	34.7	6.6	—	—	—		
33.8	43.1	23.1	64.5	28.4	7.1	—	—	—		
44.2	15.4	40.4	78.3	9.0	12.7	0.000	0.030	1.283		
48.8	26.4	24.8	76.7	16.0	7.3	—	—	—		
49.3	26.9	23.8	77.7	16.2	6.1	—	—	—		
1.2	6.2	92.6	10.9	10.3	78.8	0.949	0.839	0.925		
4.1	9.9	86.0	19.8	14.4	65.8	1.131	0.814	0.937		
42.6	42.6	14.8	70.5	25.6	3.9	—	—	—		
19.4	6.3	74.3	55.1	6.0	38.9	—	—	—		
20.7	9.4	69.9	56.4	9.5	34.1	—	—	—		

ДАННЫЕ О РАВНОВЕСИИ МЕЖДУ ЖИДКОСТЬЮ И ПАРОМ В МНОГОКОМПОНЕНТНЫХ СИСТЕМАХ

№ 2125

ВОДОРОД—МЕТАН—АЗОТ—ОКИСЬ УГЛЕРОДА

[245]

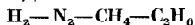


Состав жидкости, мол. %				Состав пара, мол. %				t	P, ата
водород	метан	азот	окись углерода	водород	метан	азот	окись углерода		
1.3	67.5	14.2	17.0	79.2	2.5	5.0	13.3	-195	2
2.0	73.0	10.0	15.0	81.0	4.5	6.0	8.5		
3.0	33.0	33.0	31.0	73.9	2.8	7.0	16.3		
3.0	32.0	34.3	30.7	77.4	1.1	6.7	14.8		
3.9	31.8	24.1	40.2	73.4	1.2	5.5	19.9	5	5
1.1	64.6	15.0	19.3	86.6	2.8	2.4	8.2		
2.5	69.5	11.0	17.0	84.8	4.0	3.0	8.2		
4.0	32.0	32.0	32.0	84.0	2.0	4.5	9.5		
4.3	21.3	24.1	50.3	81.4	1.2	3.2	14.2	10	10
5.0	40.6	19.0	35.4	88.0	0.5	2.0	9.5		
2.0	32.5	37.0	28.5	88.4	1.0	4.8	5.8		
3.5	66.0	11.5	19.0	88.8	3.2	1.0	7.0		
4.1	21.0	23.8	51.1	86.7	1.3	2.1	9.9		
4.5	40.0	20.0	35.5	89.0	0.5	2.0	8.5		
5.0	29.5	33.9	31.6	85.8	0.8	3.4	10.0		

№ 2126

ВОДОРОД—АЗОТ—МЕТАН—ЭТАН

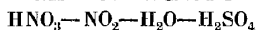
[458]



Состав жидкости, мол. %				Состав пара, мол. %				t	P, ата
водород	азот	метан	этан	водород	азот	метан	этан		
0.296	18.80	8.52	72.39	4.10	61.96	8.66	25.28	-73.3	68.0
1.46	14.10	7.91	76.53	20.73	62.82	8.14	8.31	-128.9	34.0
0.462	12.15	8.80	78.59	24.54	70.87	3.98	0.606		
0.626	9.73	8.73	80.91	34.48	61.01	3.91	0.608		
0.698	7.95	8.41	82.95	44.76	50.96	3.74	0.549		
0.743	7.05	8.44	83.77	50.44	45.32	3.71	0.525		
0.882	6.33	8.48	84.31	56.76	39.32	3.46	0.456		

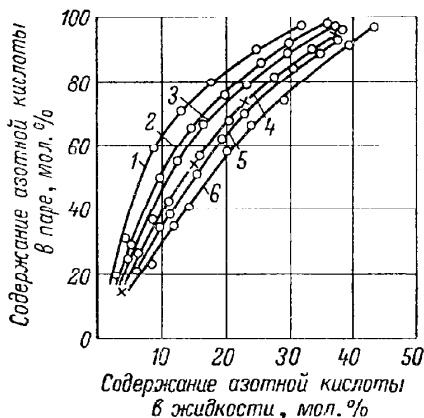
АЗОТНАЯ КИСЛОТА—ДВУОКИСЬ АЗОТА—ВОДА—

СЕРНАЯ КИСЛОТА



Состав жидкости, мол. %				Состав пара, мол. %			t	p
азотная кислота	двуокись азота	вода	серная кислота	азотная кислота	двуокись азота	вода		
28.0	0.7	47.1	24.2	94.0	1.3	4.7	73	300
31.8	0.7	44.3	23.2	93.8	1.5	4.7	67	
37.5	1.1	9.0	52.4	90.5	1.7	7.8	75	
39.3	0.3	23.2	35.2	94.8	1.3	3.9	66	
46.7	0.6	23.8	28.9	94.5	1.3	4.2	66	
65.9	1.1	5.4	27.6	86.6	5.1	8.3	66	
76.3	1.7	6.7	15.3	87.6	5.0	7.4	54	
27.5	0.8	47.7	24.0	93.8	1.3	4.9	85	440
31.8	0.7	44.6	22.9	93.5	1.5	5.0	79.5	
37.3	1.1	8.8	52.8	85.4	2.7	11.9	86	
38.0	0.4	26.8	34.8	94.2	1.5	4.3	78	
47.8	0.4	23.0	28.8	93.4	1.6	5.0	78	
63.2	1.1	7.3	28.4	85.2	5.7	9.1	79	
73.8	1.7	9.9	14.6	87.4	5.1	7.5	73	
27.9	0.6	47.4	24.1	93.5	1.4	5.1	90	550
31.4	0.9	44.8	22.9	93.2	1.6	5.2	87	
37.9	0.4	27.2	34.5	94.2	1.6	4.2	88	
39.1	1.1	5.8	54.0	83.4	3.9	12.7	95	
48.3	0.3	22.5	28.9	93.4	1.4	5.2	84	
62.8	1.5	7.4	28.3	85.1	5.1	9.8	87	
24.5	0.7	37.6	37.2	78.7	4.9	16.4	104	760
27.6	0.7	47.0	24.7	93.7	1.3	5.0	100	
31.8	0.7	44.3	23.2	93.2	1.6	5.2	97	
44.5	1.4	10.4	43.7	93.8	1.6	4.6	98	
47.0	0.8	23.9	28.3	92.0	1.7	6.3	94	
53.9	1.0	23.7	21.4	91.3	1.9	6.8	92	
63.2	1.1	7.2	28.5	84.3	5.2	10.5	91	
63.6	0.8	19.1	16.5	90.2	2.3	7.5	88.5	
76.0	1.6	6.7	15.7	85.3	5.2	9.5	87.5	
83.5	0.2	10.8	5.5	88.3	2.8	8.9	84	

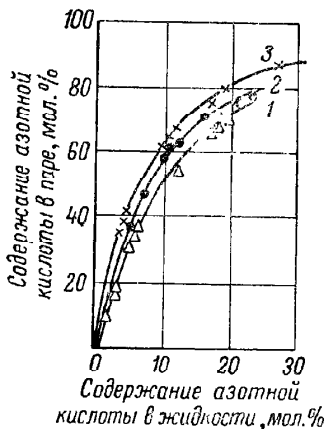
АЗОТНАЯ КИСЛОТА—НИТРАТ МАГНИЯ—НИТРАТ ЦИНКА—ВОДА
 $\text{HNO}_3\text{—Mg(NO}_3)_2\text{—Zn(NO}_3)_2\text{—H}_2\text{O}$



$P = 750 \text{ мм}$

- 1 — $\text{Mg(NO}_3)_2$; 2 — $\text{Mg(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 3.9 : 1$;
 3 — $\text{Mg(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 2.3 : 1$;
 4 — $\text{Mg(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 1 : 1$;
 5 — $\text{Mg(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 1 : 1.5$;
 6 — $\text{Mg(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 1 : 4.1$. Содержание солей
 в жидкости во всех случаях равно 70 вес. %.

АЗОТНАЯ КИСЛОТА—НИТРАТ КАЛЬЦИЯ—НИТРАТ ЦИНКА—ВОДА
 $\text{HNO}_3\text{—Ca(NO}_3)_2\text{—Zn(NO}_3)_2\text{—H}_2\text{O}$



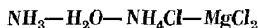
$P = 750 \text{ мм}$

- 1 — $\text{Ca(NO}_3)_2$; 2 — $\text{Ca(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 4 : 1$;
 3 — $\text{Ca(NO}_3)_2$; $\text{Zn(NO}_3)_2 = 2 : 1$. Содержание
 солей в жидкости во всех случаях равно
 70 вес. %.

ФТОРИСТЫЙ ВОДОРОД—СЕРНАЯ КИСЛОТА—
КРЕМНЕФТОРИСТОВОДОРОДНАЯ КИСЛОТА—ВОДА
 $\text{HF}-\text{H}_2\text{SO}_4-\text{H}_2\text{SiF}_6-\text{H}_2\text{O}$

Состав жидкости, вес. %				Состав пара, вес. %			t	P
фтори- стый водород	серная кислота	кремнефто- ристоводо- родная кислота	вода	фтори- стый водород	кремнефто- ристоводо- родная кислота	вода		
1.0	79.1	0.2	19.7	44.4	0.2	55.4	150	760
1.4	69.8	0.1	28.7	30.6	0.5	68.9	150	
2.0	64.2	0.1	33.7	26.8	0.4	72.8	130	
2.2	51.2	0.2	46.4	10.5	0.3	89.2	120	
2.5	78.0	0.2	19.3	84.1	2.4	13.5	Не опр.	
3.1	65.2	0.1	31.6	42.1	0.1	57.8	120	
3.6	54.0	0.2	42.2	26.1	0.2	73.7	117	
4.1	73.5	0.1	22.3	91.7	1.8	6.5	112	
4.7	63.8	0.2	31.3	63.4	0.7	35.9	120	
4.9	35.8	0.1	59.2	6.2	0.4	93.4	110	
5.2	69.4	0.1	25.3	13.7	0.3	56.0	115	
5.5	65.8	0.1	28.6	72.6	0.4	27.0	115	
5.6	72.0	0.1	22.3	96.0	0.1	3.9	95	
5.7	35.5	0.2	58.6	7.0	0.5	92.5	106	
6.0	50.0	0.1	13.9	29.1	0.2	70.7	115	
6.2	33.5	0.1	60.2	7.4	0.3	92.3	110	
7.0	45.1	0.1	47.8	25.6	0.3	34.1	115	
8.9	67.2	1.3	22.6	94.8	1.6	3.6	95	
9.2	57.7	0.1	33.0	73.7	0.4	25.9	110	
9.5	47.6	0.1	42.8	42.0	0.3	57.7	112	
11.1	39.3	0.1	49.5	30.4	0.1	69.5	110	
11.5	13.1	0.2	75.2	6.0	0.1	93.9	105	
13.7	56.2	0.1	30.0	88.9	2.6	8.5	102	
14.0	31.8	0.1	54.1	25.0	0.1	74.9	109	
15.1	47.7	1.2	36.0	71.5	1.7	26.8	105	
15.8	12.2	0.1	71.9	7.6	0.1	92.3	106	
22.1	15.4	0.1	62.4	22.8	0.4	76.8	109	
23.7	23.4	0.2	52.7	43.1	0.2	56.7	109	
24.0	31.3	0.2	44.5	62.8	0.1	37.1	106	
25.0	14.9	0.2	59.9	26.6	0.2	73.2	109	
25.5	39.2	0.1	35.2	90.1	2.4	7.5	92	Не опр.
29.1	32.4	0.2	38.3	86.3	3.1	10.6		
30.0	23.0	0.2	46.8	68.1	0.2	31.7	102	
30.1	25.5	0.1	44.3	72.5	1.1	26.4	100	
30.7	38.8	0.1	30.4	95.0	2.0	3.0	75	
40.8	20.2	0.2	38.8	89.3	2.0	8.7	85	

АММИАК—ВОДА—ХЛОРИСТЫЙ АММОНИЙ—ХЛОРИСТЫЙ МАГНИЙ



Состав жидкости, вес. %				Состав пара, вес. %		t	P
аммиак	вода	хлористый аммоний	хлористый магний	аммиак	вода		
0.141	87.499	1.42	10.94	2.55	97.45	97	705
0.141	87.849	1.30	10.71	2.21	97.79		699
0.413	87.637	4.16	8.79	6.45	93.55		723
0.418	86.962	4.12	8.50	7.24	92.76		711
1.040	86.620	7.95	4.39	22.40	77.60		756
1.060	86.350	8.60	3.99	22.13	77.87		765
1.283	85.597	9.80	3.32	23.80	76.20		768
1.291	85.119	9.90	3.69	25.90	74.10		774
0.218	87.532	2.16	10.09	3.18	96.82	100	781
0.374	87.076	3.88	8.67	5.96	94.04		776
0.354	87.106	3.89	8.65	5.85	94.15		783
0.739	86.161	7.32	5.78	14.15	85.85		788
0.748	86.082	7.69	5.48	12.95	87.05		820
0.710	86.520	7.10	5.67	13.30	86.70		800
1.234	85.216	10.02	3.53	23.30	76.70		856
0.185	87.732	1.30	10.78	2.52	97.48	105	883
0.272	87.418	2.09	10.22	4.02	95.98		877
0.272	86.788	2.14	10.80	3.90	96.10		890
0.272	87.308	2.87	9.55	3.41	96.59		901
0.277	87.533	2.84	9.35	4.32	95.68		910
0.316	87.794	3.73	8.16	6.47	93.53		893
0.550	86.590	5.71	7.15	8.77	91.23		913
0.564	86.666	5.73	7.04	9.02	90.98		935
1.341	85.219	9.85	3.59	24.02	75.98		1010
1.511	84.809	10.58	3.10	23.55	76.45		1040
1.530	84.930	10.58	2.96	25.18	74.82	110	1010
0.098	87.952	0.87	11.08	1.94	98.06		—
0.175	87.595	1.63	10.60	2.71	97.29		1004
0.218	87.472	1.68	10.63	2.38	97.62		1013
0.272	86.778	2.74	10.21	3.73	96.27		1023
0.267	87.463	2.51	9.73	3.27	96.73		1028
0.535	86.665	6.05	6.75	6.41	93.59		1060
0.943	84.977	8.43	5.65	14.16	85.84		1105
0.962	84.898	8.88	5.26	15.08	84.92		1113
1.040	85.540	8.97	4.45	14.60	85.40		1123
1.899	84.821	7.92	5.36	12.75	87.25		1117
1.350	84.870	9.81	3.97	18.68	81.32		1201

АММИАК—ДВУОКИСЬ СЕРЫ—ТРЕХОКИСЬ СЕРЫ—ВОДА
 $\text{NH}_3\text{—SO}_2\text{—SO}_3\text{—H}_2\text{O}$

Состав жидкости, мол. %				Состав пара, мол. %			t	P
аммиак	двуокись серы	трех- окись серы	вода	аммиак	двуокись серы	вода		
3.95	3.43	0.09	92.53	0.109	0.671	99.220	90.0	498.7
4.00	3.58	0.08	92.34	0.160	1.018	98.822		499.8
4.73	3.92	0.18	91.17	0.187	0.646	99.167		492.9
4.79	3.94	0.15	91.12	0.181	0.580	99.239		492.5
4.84	3.95	0.18	91.03	0.192	0.586	99.222		492.2
4.94	3.84	0.26	90.96	0.192	0.525	99.283		492.5
5.00	3.92	0.26	90.82	0.201	0.524	99.275		491.0
5.22	3.94	0.16	90.68	0.529	0.234	99.237		491.2
5.32	4.18	0.25	90.25	0.197	0.584	99.219		488.5
5.33	4.27	0.05	90.35	0.433	0.349	99.218		489.4
5.48	4.69	0.04	89.79	0.222	0.640	99.138		487.0
5.68	4.36	0.22	89.74	0.412	0.388	99.200		487.2
5.75	4.98	0.04	89.23	0.180	0.786	99.034		485.1
6.20	5.50	0.02	88.28	0.164	1.232	98.604		482.5
7.61	5.93	0.01	86.45	0.604	0.421	98.975		475.4
8.29	6.74	0.13	84.84	0.359	0.860	98.781		465.9
11.98	9.28	0.08	78.66	0.790	0.902	98.308		436.4
17.97	14.10	0.31	67.62	1.256	2.138	96.606		373.2
5.81	3.91	0.51	89.77	0.158	0.368	99.474	70.0	216.7
6.07	4.17	0.54	89.22	0.115	0.462	99.423		214.3
5.91	3.89	0.62	89.58	0.033	0.272	99.695	50.0	85.23
6.08	3.92	0.68	89.32	0.104	0.365	99.531		85.08
6.14	3.90	0.69	89.27	0.130	0.376	99.494		85.31
6.34	4.18	0.66	88.82	0.109	0.444	99.447		84.68
12.86	9.11	0.21	77.82	0.489	0.618	98.893		74.50
13.80	9.84	0.15	76.21	0.252	0.456	99.292		72.67
13.98	9.88	0.16	75.98	0.265	0.415	99.320		72.43
15.14	10.94	0.11	73.81	0.260	0.554	99.186		69.76
15.62	11.47	0.13	72.78	0.382	0.631	98.987		69.35
17.24	12.89	0.16	69.71	0.292	0.620	99.088		65.69

ДВУОКИСЬ УГЛЕРОДА—АММИАК—ВОДА—МОЧЕВИНА
 $\text{CO}_2-\text{NH}_3-\text{H}_2\text{O}-\text{CH}_4\text{N}_2\text{O}$

Состав жидкости, мол. %				Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
двуокись углерода	аммиак	вода	мочевина	двуокись углерода	аммиак	вода		
18.1	41.2	34.4	6.6	70.2	26.0	3.8	160	89
18.1	44.5	18.5	18.9	62.0	33.9	4.1		
18.3	42.2	31.5	8.0	69.0	27.2	3.8		
18.4	44.3	22.3	15.0	64.0	32.0	4.0		
18.5	43.0	28.8	9.7	67.4	28.7	3.9		
18.5	43.7	25.8	12.0	65.8	30.3	3.9		

ДВУОКИСЬ УГЛЕРОДА—АММИАК—ВОДА—МОЧЕВИНА
 $\text{CO}_2-\text{NH}_3-\text{H}_2\text{O}-\text{CH}_4\text{N}_2\text{O}$

Состав жидкости, мол. %				Состав пара, мол. %			<i>t</i>	<i>P</i> , ата
двуокись углерода	аммиак	вода	мочевина	двуокись углерода	аммиак	вода		
11.8	51.6	18.2	18.4	9.2	85.5	5.3	160	80
13.0	50.0	18.4	18.6	14.9	79.5	5.6		75
14.3	48.5	18.5	18.7	21.6	72.8	5.6		69.5
16.0	46.7	18.5	18.8	33.0	61.2	5.8		66
17.3	45.3	18.5	18.9	46.6	48.3	5.1		76
18.1	44.5	18.5	18.9	62.0	33.9	4.1		89
19.0	44.2	18.2	18.6	75.4	21.6	3.0		114
19.8	43.9	18.0	18.4	87.4	13.2	2.1		151

ВОДА—МЕТИЛОВЫЙ СПИРТ—
 ЭТИЛОВЫЙ СПИРТ—ПРОПИЛОВЫЙ СПИРТ
 $\text{H}_2\text{O}-\text{CH}_3\text{O}-\text{C}_2\text{H}_5\text{O}-\text{C}_3\text{H}_7\text{O}$

Состав жидкости, мол. %				Состав пара, мол. %				<i>t</i>	<i>P</i>
вода	метиловый спирт	этиловый спирт	пропиловый спирт	вода	метиловый спирт	этиловый спирт	пропиловый спирт		
15.5	75.0	6.2	3.3	7.7	86.7	4.1	1.5	Пер данных	760
17.5	70.8	6.9	4.8	9.2	83.5	5.5	1.8		
18.1	67.7	7.9	6.3	11.6	79.8	6.4	2.2		
21.2	66.4	7.5	4.9	15.8	73.6	6.8	3.8		
19.1	63.6	8.6	6.7	15.0	75.0	6.7	3.3		
17.2	59.3	12.1	11.4	14.4	71.4	9.8	4.4		
23.4	58.8	9.0	8.8	17.8	70.3	7.7	4.2		
23.0	57.0	9.0	11.0	18.7	69.2	7.6	4.5		
29.0	52.2	8.6	10.2	13.7	73.3	8.0	5.0		
24.9	45.4	13.1	16.6	19.8	59.4	12.5	8.3		

Таблица № 2135 (продолжение)

Состав жидкости, мол. %				Состав пара, мол. %				t	P
вода	метило- вый спирт	этиловый спирт	пропило- вый спирт	вода	метило- вый спирт	этиловый спирт	пропило- вый спирт		
28.2	43.0	12.4	16.4	16.5	62.8	12.3	8.4	Нет данных	760
32.2	40.2	9.2	18.4	20.1	59.7	9.5	10.7		
33.6	38.5	9.3	18.6	24.6	56.2	10.3	8.9		
31.0	37.6	8.9	22.5	22.6	56.3	9.5	11.6		
39.5	36.1	8.9	15.5	19.0	60.4	10.2	10.4		
31.6	34.3	12.4	21.7	20.6	53.2	13.5	12.7		
32.5	32.3	12.0	23.2	23.0	50.5	13.0	13.5		
42.3	26.4	7.0	24.3	30.1	44.3	8.4	17.2		
45.7	25.1	6.1	23.1	26.2	46.8	9.0	18.0		
46.3	23.8	6.2	23.7	33.9	40.2	8.1	17.8		
46.8	23.2	6.4	23.0	34.2	40.1	8.7	17.0		
39.7	22.8	10.1	27.4	29.8	39.2	12.5	18.5		
44.0	19.0	8.7	28.3	29.5	37.6	11.8	21.1		
49.3	14.2	6.4	30.1	36.2	29.4	9.4	25.0		
47.2	14.2	7.6	31.0	36.3	28.6	10.8	24.3		

№ 2136

БУТАН—*н*-2-БУТИЛЕН—ВОДА—ФУРФУРОЛ

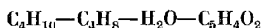
[1074]

1

2

3

4



Общее содержание бутан+бутилен в безводной жидкости, мол. % $\frac{100(x_1+x_2)}{x_1+x_2+x_4}$	Содержание воды в жидкости (без фурфурола), вес. %	Содержание бутана в смеси углеводородов, мол. %		t	P
		в жидкости $\frac{100x_1}{x_1+x_2}$	в паре $\frac{100y_1}{y_1+y_2}$		
19.17	1.68	21.78	36.53	37.8	2055
17.66	2.82	21.47	36.50		2057
8.94	2.18	20.10	36.53		1271
8.24	3.65	19.85	36.33		1273
22.92	4.35	24.45	36.60	65.6	4376
24.73	2.27	25.01	36.53		4378
10.33	1.96	22.09	36.50		2573
9.45	3.96	21.70	36.52		2571
18.78	1.52	25.44	36.51	93.3	5937
16.34	3.29	24.83	36.57		5925
12.90	2.47	24.16	36.51		4893
6.73	4.97	22.57	36.56		3343
7.67	2.37	23.35	36.46		3343
10.90	4.33	68.60	79.89		5934
11.90	2.65	69.31	80.00		5934
7.40	3.95	67.97	80.09		4895
8.09	2.72	68.36	80.00		4890



Состав жидкости, мол. %					Состав пара, мол. %			i	P, ата	Примечание
метан	этилен	изобутан	абсорб- ционные масла	метан	этилен	изобутан				
3.5	32.8	37.3	26.4	23.05	66.7	10.25	37.8	34.03	Гексадекановое абсорб- ционное масло.	
4.95	30.65	23.2	41.2	32.25	61.7	6.0	37.8			
9.5	7.45	1.9	81.15	75.95	23.15	0.9	104.4			
2.45	19.75	18.05	59.75	21.95	65.4	12.65	104.4			
2.9	22.25	10.35	64.50	2.18	70.8	7.4	104.4	68.06		
13.2	21.25	15.25	49.30	52.35	40.0	7.65	104.4			
4.95	19.85	15.2	60.0	43.4	51.8	4.8	37.8	34.03	Дипицлогексановое абсорб- ционное масло.	
5.5	22.4	42.5	29.6	37.25	50.45	12.3	37.8			
2.35	13.85	12.65	71.15	26.35	61.95	11.7	104.4	34.03		
3.5	10.25	15.9	70.35	40.05	45.85	14.1	104.4			
4.05	7.9	20.3	67.75	63.2	26.5	10.3	37.8	34.03	Метилнафталиновое абсорб- ционное масло.	
3.95	14.1	28.7	53.25	45.7	41.55	12.75	37.8			
1.3	10.65	6.8	81.25	24.55	64.9	10.55	104.4			
2.15	8.2	6.0	83.65	39.45	50.85	9.7	104.4			
2.3	7.5	10.85	79.35	39.05	44.1	16.85	104.4	68.06		
6.35	9.65	19.8	64.20	51.4	29.25	18.85	104.4			
7.85	19.55	17.75	54.85	55.15	40.2	4.65	37.8	34.03	Нефтяное абсорбционное масло.	
9.45	12.5	69.65	8.40	52.1	30.2	17.7	37.8			
6.0	12.25	14.25	67.50	49.4	40.15	10.45	104.4			
5.8	10.6	24.75	58.85	45.7	35.2	19.1	104.4			
10.55	21.1	19.2	49.15	47.3	42.2	10.5	104.4	68.06		
2.55	8.9	5.2	83.35	40.75	55.15	8.1	104.4	34.03	Гидрогенизационное кубо- вое абсорбционное масло.	
2.85	6.3	13.85	77.00	44.0	35.2	20.8	104.4	34.03		
7.1	7.0	17.4	68.5	59.8	22.4	17.8	104.4	68.06		



Состав жидкости, мол. %				Состав пара, мол. %				t	P
метилловый спирт	2-метил-пентан	3-метил-пентан	гексан	метилловый спирт	2-метил-пентан	3-метил-пентан	гексан		
20.1	29.6	17.3	33.2	42.4	26.2	12.9	18.8	48.2	745
24.5	23.1	18.5	34.0	45.0	20.1	13.8	21.1	48.4	
29.2	11.3	14.8	44.9	46.8	11.4	12.8	29.1	48.4	
30.0	37.9	17.0	15.8	42.4	33.5	13.4	10.8	45.6	
35.2	19.5	13.8	26.9	45.5	19.4	14.9	20.6	47.3	
35.3	24.5	14.5	25.8	44.7	25.8	9.9	19.2	46.8	
40.0	9.5	13.9	37.2	47.0	9.7	14.2	29.1	47.8	
41.8	28.6	12.4	17.2	44.4	34.8	11.4	9.4	45.8	
43.3	31.2	9.0	16.6	14.8	32.3	11.5	14.4	46.1	
51.0	18.1	10.1	20.6	47.5	22.6	12.0	17.9	46.4	
67.5	17.3	7.9	7.5	45.3	33.6	12.3	10.3	46.2	
68.0	3.9	6.0	19.2	55.0	9.1	13.2	22.8	48.0	
84.1	5.8	3.5	6.7	51.3	20.9	10.6	17.5	48.7	
88.1	6.3	3.0	2.8	48.6	30.9	10.9	9.7	49.8	
88.6	1.7	2.4	7.5	54.8	9.2	10.5	25.8	50.8	
90.3	2.8	2.4	4.5	54.6	15.2	10.9	19.3	52.2	



Состав смеси, мол. %				Состав пара, мол. %				Коэффициент активности				t	P
гексан	метилциклопентан	этиловый спирт	бензол	гексан	метилциклопентан	этиловый спирт	бензол	гексан	метилциклопентан	этиловый спирт	бензол		
15.0	28.4	23.6	29.8	16.9	27.9	32.9	22.3	1.43	1.37	2.50	1.39	61.3	760
14.0	15.5	35.8	34.6	19.9	18.3	34.3	27.5	1.77	1.62	1.90	1.44	61.9	
15.2	35.2	12.8	36.9	15.3	30.4	29.1	25.2	1.24	1.17	4.44	1.22	62.3	
14.7	34.1	35.9	15.2	17.5	35.4	34.6	22.5	1.56	1.50	2.06	1.58	60.3	
14.6	11.0	8.5	65.9	17.7	11.7	26.1	44.5	1.35	1.30	5.07	1.09	65.4	
12.6	8.5	67.7	11.2	29.4	17.2	40.2	13.2	2.97	2.84	1.22	2.19	61.2	
16.2	65.6	6.8	11.4	14.0	50.3	27.4	8.3	1.08	1.06	8.08	1.33	61.7	
14.8	18.4	15.3	51.6	16.9	18.3	29.8	35.0	1.36	1.31	3.66	1.18	63.2	
13.9	16.6	51.4	18.0	22.8	23.1	37.0	17.1	2.11	1.97	1.50	1.79	60.9	
15.6	51.0	15.4	18.0	14.5	41.7	31.0	12.8	1.20	1.10	4.20	1.34	60.8	



Состав жидкости, мол. %				Состав пара, мол. %				Коэффициент активности				t	P
бензол	этиловый спирт	метилциклопентан	гексан	бензол	этиловый спирт	метилциклопентан	гексан	бензол	этиловый спирт	метилциклопентан	гексан		
7.9	51.5	7.6	33.0	7.3	36.1	9.7	46.9	1.84	1.49	1.91	1.92	59.4	760
10.5	34.5	29.8	35.4	8.4	33.9	20.1	37.6	1.57	2.06	1.43	1.43	59.6	
21.6	33.6	10.1	34.7	16.8	33.0	10.0	40.2	1.49	2.10	1.45	1.52	60.2	
11.6	16.5	36.0	35.9	8.4	31.1	28.2	32.2	1.40	4.05	1.14	1.18	60.1	
23.2	18.9	21.8	36.1	16.1	30.6	19.1	34.2	1.33	3.41	1.26	1.23	60.5	
36.7	18.5	10.0	34.8	24.9	30.4	9.0	35.8	1.26	3.32	1.26	1.31	61.3	
9.4	3.4	50.7	37.1	7.1	21.6	39.5	31.7	1.35	12.06	1.05	1.20	62.6	
22.6	5.2	36.0	36.2	16.3	23.0	28.7	32.0	1.28	8.40	1.07	1.08	62.6	
36.6	6.5	21.2	35.9	25.0	23.7	18.3	33.1	1.19	7.04	1.14	1.11	62.9	
53.9	5.7	8.5	32.0	35.2	21.6	7.4	35.8	1.09	6.34	1.10	1.28	64.5	
7.9	37.9	6.0	48.1	6.8	34.3	6.1	52.9	1.71	2.93	1.52	1.50	59.1	
8.3	24.9	17.0	49.9	6.4	32.8	14.2	46.5	1.55	2.95	1.26	1.27	59.3	
17.7	24.0	8.2	50.1	12.6	31.9	7.1	48.3	1.41	2.91	1.46	1.30	59.7	
9.0	11.7	27.6	51.7	6.3	30.5	20.7	42.5	1.35	5.31	1.09	1.09	60.1	
18.8	11.8	18.1	51.3	13.1	28.5	14.1	44.3	1.33	5.10	1.12	1.13	60.4	
32.1	11.2	7.8	48.8	20.1	28.1	6.7	45.2	1.17	5.15	1.20	1.19	61.1	
6.8	8.9	37.0	47.5	6.4	18.1	34.0	47.9	1.58	17.34	1.17	1.17	64.2	
17.6	3.1	28.4	50.9	12.9	19.6	21.9	45.7	1.27	11.35	1.01	1.07	63.2	
29.0	4.0	16.7	50.3	20.7	20.8	13.4	45.2	1.24	9.37	1.05	1.18	63.2	
40.7	3.3	6.7	49.3	29.5	18.0	5.3	46.8	1.21	9.36	1.08	1.20	64.5	



Состав жидкости, мол. %					Состав пара, мол. %					Коэффициент активности				t	F
гексан	метилциклопентан	этиловый спирт	бензол	гексан	метилциклопентан	этиловый спирт	бензол	гексан	метилциклопентан	этиловый спирт	бензол				
73.3	5.2	15.7	5.9	60.6	4.1	30.3	5.0	1.13	1.18	4.32	1.69	59.2	760		
74.3	40.5	10.7	4.5	59.0	8.1	29.4	3.5	1.06	1.14	5.97	1.53	59.8			
72.5	17.7	3.9	6.0	60.1	13.1	22.3	4.5	1.03	1.01	11.36	1.34	62.1			
70.5	23.4	4.5	4.6	63.5	20.0	12.9	3.7	1.01	1.05	14.46	1.29	65.2			
72.0	15.3	4.0	11.8	65.7	13.4	10.8	10.2	1.00	1.06	18.39	1.37	65.8			
73.2	11.1	3.5	12.3	59.7	8.6	22.1	9.6	1.01	1.05	12.47	1.41	62.2			
74.2	5.7	9.0	11.1	59.6	4.2	27.7	8.5	1.06	1.09	6.59	1.47	60.1			
70.4	5.6	8.4	15.6	61.6	4.3	22.5	11.6	1.10	1.08	5.36	1.36	61.6			
71.6	10.6	1.5	16.3	67.2	9.2	9.5	14.1	1.01	1.03	10.34	1.35	66.3			
71.7	5.8	1.6	21.0	65.5	4.7	12.6	17.2	1.02	1.00	13.73	1.33	65.3			



Состав жидкости, мол. %				Состав пара, мол. %				t	P
этиловый спирт	гептан	толуол	анилин	этиловый спирт	гептан	толуол	анилин		
39.1	16.8	5.5	38.6	62.0	33.0	3.5	1.5	75.0	760
31.0	17.5	12.5	39.0	58.0	30.9	10.0	1.1	79.0	
25.9	13.3	22.7	38.1	57.8	26.7	14.3	1.2	79.5	
18.1	18.1	18.1	45.7	54.1	31.6	12.1	2.2	82.5	
16.1	12.46	28.86	42.57	50.0	28.3	19.6	2.1	86.0	

ИЗООКТАН	Состав жидкости, мол. %			Состав пара, мол. %			t	P	
	метилцикло-гексан	толуол	фенол	ИЗООКТАН	метилцикло-гексан	толуол			фенол
1.96	5.57	23.40	69.07	19.09	28.00	49.37	3.54	124.9	
3.00	12.88	35.10	49.02	10.58	35.49	46.48	7.75	117.8	
3.06	15.25	23.19	58.50	12.33	46.00	33.40	7.77	118.3	
4.79	1.83	25.35	68.03	32.16	8.31	49.32	10.21	123.8	
4.96	43.12	33.41	18.51	7.35	58.35	30.70	3.40	106.1	
7.72	67.09	12.51	12.68	9.39	74.94	11.48	3.89	102.2	
7.97	26.27	18.88	46.88	18.32	52.63	21.15	7.40	115.6	
8.54	4.16	41.20	46.10	29.45	11.25	52.20	7.10	116.1	
8.92	7.84	17.56	65.68	40.30	24.85	26.40	8.15	117.2	
9.53	38.68	41.08	10.71	13.16	48.16	36.06	2.62	104.9	
10.48	5.13	34.81	49.58	37.10	14.20	42.42	6.28	116.7	
12.09	23.85	13.70	50.36	30.35	48.95	15.02	5.68	111.6	
13.50	12.70	22.40	51.40	38.98	28.45	26.20	6.37	112.0	
20.38	17.66	18.23	43.75	43.38	31.33	18.44	6.55	110.0	
25.56	5.59	14.00	54.85	67.75	11.61	15.15	5.49	110.0	
39.96	7.13	43.12	9.79	50.17	9.77	37.60	2.46	100.6	
41.02	3.95	34.40	20.63	58.36	6.07	31.57	4.00	107.2	
72.15	5.55	10.49	11.81	78.30	6.82	9.73	5.15	101.7	

Состав жидкости, мол. %					Состав пара, мол. %				t	P, ата
водород	кислород	азот	метан	окись углерода	водород	кислород	азот	метан		
5.7	1.4	32.2	39.6	21.1	89.0	0.4	9.1	0.1	1.4	46
6.3	1.4	32.1	38.9	21.3	89.9	0.5	8.3	0.0	1.3	31
6.9	1.5	31.9	38.1	21.6	91.0	0.5	7.2	0.0	1.3	60
7.3	1.5	32.0	37.5	21.7	92.0	0.4	6.3	0.0	1.3	80
2.4	1.0	16.0	68.1	12.5	72.0	0.6	17.5	2.4	7.5	6
2.8	1.2	19.0	59.6	17.4	70.1	0.5	19.4	0.8	9.2	6
2.5	1.2	16.6	66.7	13.0	81.0	0.7	12.3	1.7	14.3	40
4.2	1.2	27.2	48.1	19.3	78.2	0.6	13.8	0.4	7.0	11.6
2.6	1.2	17.0	66.1	13.1	84.6	0.7	9.7	1.5	3.5	16
5.7	1.3	28.6	44.3	20.1	83.0	0.6	12.2	0.3	5.9	16
6.1	1.4	29.7	42.1	20.7	81.1	0.5	11.5	0.1	4.8	21
3.2	1.3	16.9	65.3	13.3	87.3	0.6	8.8	1.2	2.1	31
6.8	1.4	30.2	40.2	21.4	86.1	0.5	10.0	0.0	3.4	31
7.3	1.5	31.1	38.3	21.8	88.2	0.5	8.8	0.0	2.5	60

Состав жидкости, мол. %					Состав пара, мол. %				t	P, ата
метан	этан	пропан	бутан	пентан	метан	этан	пропан	бутан		
14.79	4.38	8.14	15.22	57.47	83.98	6.63	3.31	2.67	3.41	35.1
28.66	7.18	7.80	13.23	43.13	85.43	6.27	2.87	1.61	3.82	64.4
38.38	7.56	7.05	11.29	35.72	85.61	6.15	2.77	2.15	3.32	88.2
41.99	7.52	6.81	10.55	33.13	84.42	6.56	2.85	2.07	4.10	97.3
52.51	7.27	5.97	8.40	25.85	82.70	6.09	2.88	2.79	5.54	118.1

$$\text{CH}_4 - \text{C}_2\text{H}_6 - \text{C}_3\text{H}_8 - \text{C}_4\text{H}_{10} - \text{C}_5\text{H}_{12} - \text{C}_6\text{H}_{14}$$

Nº 2147

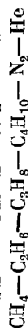
ВОДОРОД—МЕТАН—ЭТАН—ПРОПАН—ПРОПЕН—ПРОПИЛ—ПРОПАН

$$\text{H}_3-\text{CH}_4-\text{C}_2\text{H}_4-\text{C}_2\text{H}_6-\text{C}_3\text{H}_8$$

Состав жидкости, мол. %						Состав пара, мол. %						t	Р ата
водород	метан	этилен	этан	пропилен	пропан	водород	метан	этилен	этан	пропилен	пропан		
1.04	7.67	9.42	5.07	8.39	68.41	38.28	31.37	8.53	3.44	2.63	15.72	-17.8	340
1.34	14.84	9.06	4.66	7.77	62.33	65.79	30.45	2.00	0.65	0.26	0.85	-73.3	
1.48	12.77	18.23	4.21	7.07	56.24	68.60	25.45	4.03	0.60	0.24	1.05	-73.3	
2.36	16.45	17.32	4.02	3.67	53.18	46.93	35.18	9.64	1.73	0.86	5.66	-47.8	
1.97	17.32	17.97	3.74	6.00	52.50	77.26	19.66	2.09	0.38	0.10	0.51	-73.3	

гелий *	Состав жидкости, мол. %					Состав пара, мол. %					t	P, атм
	азот	метан	этан	пропан	бутан	гелий	азот	метан	этан	пропан	бутан	
—	0.6	13.9	27.5	44.4	13.6	0.35	10.25	84.6	4.2	0.4	0.2	— 89.7
—	0.4	18.7	32.0	36.5	12.4	0.35	10.62	85.27	3.49	0.19	0.08	— 98.3
—	0.9	24.6	33.7	32.8	8.0	0.36	10.34	86.5	2.40	0.0	0.4	— 103.3
—	0.5	23.5	35.2	30.7	10.1	0.36	10.88	86.56	2.02	0.09	0.09	— 106.4
—	0.5	29.9	36.3	28.8	4.5	0.35	10.72	87.5	1.43	0.0	0.0	— 111.7
—	1.2	54.2	24.3	15.8	4.5	0.38	12.04	85.87	1.46	0.25	0.0	— 124.3
—	1.4	75.0	13.2	8.3	2.1	0.54	16.76	82.07	0.63	0.0	0.0	— 130.6
—	4.6	82.9	7.2	4.3	1.0	2.2	41.3	56.5	0.0	0.0	0.0	— 140.6
—	5.5	92.7	1.7	0.1	0.0	2.2	38.3	59.5	0.0	0.0	0.0	— 142.2
—	7.2	89.7	2.6	0.4	0.1	3.9	41.1	55.0	0.0	0.0	0.0	— 143.9
—	7.0	87.8	4.6	0.4	0.2	4.5	48.7	46.8	0.0	0.0	0.0	— 145.3
—	9.0	87.0	3.7	0.2	0.1	6.2	37.3	56.5	0.0	0.0	0.0	— 148.3
—	9.98	87.72	2.1	0.1	0.1	10.7	37.3	52.0	0.0	0.0	0.0	— 150.0

* Было принято, что весь гелий, содержащийся в исходной газовой смеси в небольшом количестве, остается в паровой фазе, не конденсируясь.



Состав жидкости, мол. %					Накопился в равнове- сионной жидкой фазе ге- лия, в % от общего количества его	Состав пара, мол. %				t	P, ата		
метан	этан	пропан	бутан **	азот		гелий	метан	этан	пропан**			азот	гелий
7.8	6.2	18.2	66.3	1.5	0.003	—	66.5	3.7	2.5	25.0	2.3	— 45.6	6.8
8.0	10.5	32.8	47.8	0.9	0.002	—	67.1	3.6	1.7	25.2	2.4	— 73.3	
18.0	31.1	33.1	17.8	0.0	0.002	—	68.3	2.4	0.2	26.3	2.3	— 101.1	
45.9	27.5	15.4	11.2	0.0	0.002	—	68.5	0.4	0.0	28.6	2.5	— 128.9	
78.0	5.2	2.5	1.7	12.8	0.011	0.37	23.6	0.1	0.0	66.4	9.9	— 140.0	13.6
71.9	4.2	2.1	1.8	20.0	0.027	1.06	10.8	0.0	0.0	65.5	23.7	— 156.7	
11.7	9.6	23.0	54.5	1.2	0.022	—	67.0	3.6	2.1	25.1	2.2	— 45.6	
15.5	17.1	33.0	33.6	0.8	0.011	—	68.0	3.3	0.8	25.6	2.3	— 73.3	
34.7	29.3	21.5	14.5	0.2	0.009	—	69.2	1.6	0.1	26.7	2.4	— 101.1	20.4
79.6	7.9	3.6	2.3	6.6	0.020	0.37	55.1	0.1	0.0	40.8	4.0	— 128.9	
77.0	5.2	2.4	2.3	13.1	0.044	1.36	35.3	0.1	0.0	56.2	7.9	— 140.0	
69.7	4.2	1.9	2.1	22.1	0.069	2.79	13.1	0.0	0.0	55.6	31.3	— 156.7	
68.7	4.1	1.8	1.6	23.8	0.089	3.72	5.2	0.0	0.0	36.3	58.5	— 167.8	20.4
17.4	11.0	23.1	47.2	1.2	0.068	—	67.2	3.7	2.0	24.8	2.3	— 45.6	
26.0	20.6	27.2	25.0	1.2	0.018	—	68.2	3.1	0.6	25.7	2.4	— 73.3	
45.1	24.3	16.2	13.2	1.2	0.014	0.07	68.2	1.2	0.1	27.9	2.6	— 101.1	

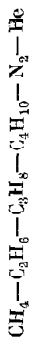
* Природный клиффайский газ, содержащий гелий.

** Вместе с бутаном присутствуют в незначительном количестве высшие углеводороды.

*** Вместе с пропаном присутствуют высшие углеводороды.

Таблица № 2149 (продолжение)

Состав жидкости, мол. %					Находится в равнове- сной жидкой фазе гелия, в % от общего количества его	Состав пара, мол. %				t	Р, ата		
метан	этан	пропан	бутан **	азот		гелий	метан	этан	пропан***			азот	гелий
75.0	10.8	5.1	3.8	5.3	0.036	0.41	62.7	0.4	0.0	33.8	3.1	-115.0	20.4
73.6	6.9	3.8	2.9	12.7	0.054	1.69	39.1	0.1	0.0	52.7	8.1	-128.9	
72.6	4.4	2.0	1.3	19.6	0.111	4.21	25.8	0.1	0.0	56.7	17.4	-140.0	
68.7	4.1	1.9	1.4	23.7	0.158	6.56	10.5	0.0	0.0	41.2	48.3	-156.7	
17.6	10.4	20.5	50.1	1.4	0.023	—	66.8	3.7	2.7	24.5	2.3	-17.8	27.2
17.9	11.7	24.8	43.5	2.1	0.030	—	68.0	3.6	1.8	26.4	2.2	-45.6	
34.7	21.1	23.5	19.1	1.6	0.026	0.08	68.5	2.7	0.7	25.7	2.1	-73.3	
66.5	16.6	8.6	4.9	3.4	0.027	0.18	66.8	0.9	0.1	29.5	2.7	-101.1	
73.6	4.9	2.3	2.3	16.8	0.127	4.11	38.3	0.1	0.2	52.8	8.6	-123.3	
72.1	4.6	2.2	1.8	19.1	0.180	6.66	32.6	0.1	0.1	52.8	14.4	-128.9	
68.7	4.0	1.8	1.3	23.9	0.279	11.7	7.7	0.0	0.0	33.5	58.8	-156.7	
23.3	9.7	18.3	46.4	2.3	0.026	—	66.9	3.7	2.7	24.4	2.3	-17.8	34.0
25.8	13.0	23.3	35.4	2.4	0.096	—	67.5	3.4	1.9	24.9	2.3	-45.6	
37.0	20.5	21.7	19.1	1.7	0.041	—	68.5	2.6	0.4	26.2	2.3	-73.3	
60.6	17.1	10.9	7.6	3.8	0.043	0.22	67.7	1.3	0.1	28.3	2.6	-92.8	
72.1	10.1	5.6	4.0	8.2	0.041	0.62	62.6	0.7	0.1	33.1	3.5	-101.1	
74.0	5.5	2.5	1.9	15.9	0.175	5.37	46.6	0.3	0.0	45.7	7.4	-115.0	
70.0	4.3	2.0	1.4	21.9	0.347	13.8	27.2	0.1	0.0	50.1	22.6	-128.9	
67.9	3.8	1.9	1.8	24.2	0.363	15.3	5.9	0.0	0.0	27.3	66.8	-156.7	



Состав жидкости, мол. %					Состав пара, мол. %					t	P, ата	
Находится в равновесной жидкой фазе гелия, в %, от общего количества его					метан	этан	пропан ***	азот	гелий			
метан	этан	пропан	бутан **	азот						гелий	метан	этан
9.4	18.1	39.7	32.7	0.1	0.001	75.0	6.1	2.0	16.1	0.8	73.3	6.8
12.0	24.7	36.3	26.3	0.1	0.001	76.2	4.9	1.1	17.0	0.8	— 87.2	
19.1	34.4	30.5	16.0	0.0	0.001	78.5	3.0	0.2	17.5	0.8	— 101.1	
29.9	34.3	23.3	12.2	0.0	0.002	78.2	1.3	0.1	18.5	0.9	— 115.0	
60.8	21.1	12.4	5.3	0.4	0.002	77.5	0.4	0.0	21.0	1.1	— 128.9	
77.5	9.0	5.5	3.4	4.6	0.010	52.1	0.1	0.1	45.0	2.7	— 142.7	
73.6	8.1	5.1	3.2	10.0	0.008	24.7	0.1	0.0	65.9	9.3	— 156.7	
70.5	7.5	5.2	3.6	13.2	0.030	8.7	0.1	0.0	46.5	43.7	— 170.6	
18.4	23.1	30.9	27.5	0.1	0.007	76.3	4.8	1.0	17.0	0.9	— 73.3	13.6
24.7	29.4	29.8	16.0	0.1	0.002	77.7	3.5	0.3	17.6	0.9	— 87.2	
42.8	30.6	19.4	7.0	0.2	0.002	78.6	1.8	0.1	18.6	0.9	— 101.1	
64.1	17.7	10.8	6.1	1.3	0.004	74.9	0.5	0.0	23.5	1.1	— 115.0	
73.1	11.2	6.7	3.4	5.6	0.011	55.0	0.2	0.0	41.6	3.2	— 128.9	
69.0	8.9	6.3	3.7	12.1	0.040	34.5	0.2	0.2	52.4	15.7	— 142.7	
70.4	7.1	4.5	3.1	14.9	0.062	14.7	0.3	0.2	43.2	41.6	— 156.7	
46.8	15.6	40.1	26.1	1.4	0.009	74.2	5.9	3.1	16.1	0.7	— 45.6	20.4
18.2	18.3	41.5	21.4	0.5	0.015	74.5	5.9	2.5	16.4	0.7	— 54.1	
17.6	20.3	44.0	17.8	0.3	0.051	75.0	5.6	1.9	16.8	0.7	— 56.7	
25.2	22.9	37.5	13.2	1.2	0.014	75.7	5.2	1.4	16.9	0.8	— 62.2	
26.2	24.9	35.2	12.1	1.6	0.020	76.4	4.7	1.1	17.1	0.7	— 67.8	
34.7	32.0	28.2	4.8	0.2	0.051	76.9	4.1	0.8	17.4	0.8	— 73.3	20.4
38.0	27.8	26.5	6.3	1.4	0.013	77.1	3.6	0.5	18.0	0.8	— 78.9	

* Смесь углеводородов — природный газ, содержащий гелий.

** Вместе с бутаном присутствуют в незначительном количестве высшие углеводороды.

*** Вместе с пропаном присутствуют высшие углеводороды.

Таблица № 2150 (продолжение)

Состав жидкости, мол. %					Находится в равновесной жидкой фазе гелия, в % от общего количества его	Состав пара, мол. %				t	Р, ата
метан	этан	пропан	бутан **	азот	гелий	метан	этан	пропан ***	азот	гелий	
39.9	27.6	24.7	6.4	1.4	0.014	—	2.9	0.4	18.4	0.8	— 84.4
47.7	27.6	19.1	4.0	1.6	0.011	—	2.3	0.3	18.8	0.9	— 90.0
51.1	24.3	17.6	5.0	2.0	0.010	—	1.7	0.2	19.4	0.9	— 95.5
59.1	20.4	13.7	3.6	3.2	0.010	—	1.1	0.4	21.2	0.9	— 101.1
59.5	8.5	8.3	1.5	12.2	0.013	0.68	0.7	0.1	23.9	1.2	— 106.6
64.8	16.8	11.0	2.5	4.8	0.056	4.12	0.4	0.1	30.1	1.6	— 113.2
70.0	14.1	8.7	1.6	5.5	0.065	6.50	0.2	0.0	39.4	2.8	— 118.7
72.2	11.7	7.0	1.9	7.1	0.055	6.30	0.2	0.1	47.4	5.2	— 123.3
74.7	7.0	4.0	1.3	12.9	0.093	11.51	0.1	0.1	52.0	9.7	— 128.9
73.9	6.4	3.7	1.1	14.8	0.092	11.81	0.1	0.1	49.5	20.8	— 134.4
73.6	6.4	3.8	1.3	14.8	0.117	15.23	0.1	0.1	46.7	29.1	— 140.0
72.4	7.4	4.1	0.9	15.1	0.116	15.23	0.1	0.1	41.4	39.4	— 145.5
71.8	6.8	4.6	1.7	15.0	0.113	14.93	0.0	0.0	36.2	50.3	— 151.1
35.6	29.8	23.0	11.6	0.0	0.008	—	3.6	0.6	17.7	0.9	— 73.3
53.9	23.6	16.1	5.3	1.1	0.008	—	2.2	0.2	18.7	0.8	— 87.2
64.8	15.7	10.8	5.1	3.6	0.018	1.13	0.9	0.1	25.5	1.4	— 101.1
74.7	7.7	4.5	2.1	10.9	0.068	7.84	0.4	0.1	41.7	5.1	— 115.0
72.9	6.8	3.7	1.6	14.8	0.191	24.77	0.3	0.4	45.3	20.5	— 128.9
73.3	6.8	3.6	1.3	14.8	0.198	26.10	0.1	0.2	33.3	49.3	— 142.7
72.5	6.7	3.6	1.2	15.8	0.158	20.89	0.1	0.0	22.0	69.5	— 156.7
43.9	22.9	20.4	11.4	1.4	0.011	0.37	3.3	0.5	18.1	1.0	— 73.3
59.7	18.8	13.5	5.2	2.8	0.016	0.69	1.8	0.2	20.9	1.1	— 87.2
68.2	11.1	8.7	5.1	6.9	0.060	5.54	0.8	0.1	30.6	2.3	— 101.1
71.5	7.2	4.8	3.2	13.1	0.185	23.30	0.3	0.0	42.9	10.4	— 115.0
72.7	6.6	3.6	1.6	15.2	0.352	46.53	0.1	0.1	38.5	47.2	— 128.9
71.7	6.5	3.5	1.2	16.8	0.329	43.57	0.1	0.0	27.8	62.5	— 142.7
72.2	6.6	3.6	1.3	16.1	0.215	28.47	0.0	0.0	17.5	76.5	— 156.7

Состав жидкости, вес. %						
вода	аммиак	хлористый кальций	сульфат кальция	гидрат окиси кальция	хлористый натрий	Состав пара, мол. %
						вода
85.17	0.34	8.06	0.09	0.08	6.26	
84.63	0.92	8.09	0.09	0.08	6.19	103.5
84.39	1.45	8.10	0.09	0.08	5.89	99.0
83.55	1.87	8.62	0.09	0.08	5.79	97.0
80.66	3.80	9.08	0.09	0.08	6.29	93.5
						85.5
						850
						820
						800
						750
						725

* Растворы из дистиллера содового производства.

Состав и чистоты, мол. %					Состав пара, мол. %					t	P		
метилловый спирт	изопроп	2-метил-пентан	3-метил-пентан	гексан	метилциклопентан	метилловый спирт	изопроп	2-метил-пентан	3-метил-пентан			гексан	метилциклопентан
10.4	25.6	9.6	13.5	36.0	4.9	18.4	55.7	4.2	7.6	12.1	2.0	41.4	745
9.3	18.3	23.6	8.2	23.1	17.5	19.5	45.3	16.2	3.8	10.0	5.2	43.3	
5.8	12.5	6.4	3.2	12.1	7.5	33.0	40.9	8.3	5.0	7.0	5.8	42.2	
46.3	11.3	7.6	2.8	23.3	8.7	34.2	36.0	7.3	1.9	15.5	5.1	43.6	
20.6	0.0	11.3	5.3	14.3	48.0	47.3	0.0	0.7	5.1	8.6	28.3	50.2	
63.3	0.0	8.4	6.2	3.1	19.0	45.1	0.0	15.7	10.9	4.6	23.7	48.2	

БУТАН—ИЗОБУТАН—1-БУТИЛЕН—транс-2-БУТИЛЕН—цис-2-БУТИЛЕН—ИЗБУТИЛЕН
 C_4H_{10} — C_4H_{10} — C_4H_8 — C_4H_8 — C_4H_8 — C_4H_8 — C_4H_8

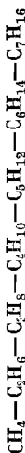
Состав жидкости, мол. %						Состав пара, мол. %						t	P, атм
бутан	изо-бутан	1-бутилен	транс-2-бутилен	цис-2-бутилен	изобутилен	бутан	изо-бутан	1-бутилен	транс-2-бутилен	цис-2-бутилен	изобутилен		
11.49	40.22	12.22	11.30	9.11	15.67	9.89	43.78	12.99	3.64	7.95	15.75	55.0	6.73
35.85	8.12	17.42	11.55	9.51	17.55	33.86	10.29	18.41	10.36	8.04	19.05	59.4	6.79
9.80	32.89	19.16	8.41	4.85	24.91	8.27	36.90	19.48	7.01	3.84	24.50	57.8	7.19
16.25	28.10	24.26	4.03	1.33	26.03	14.12	32.09	23.56	3.22	1.02	25.99	52.2	6.25
40.44	39.10	5.05	5.14	5.12	5.15	35.70	44.45	5.38	4.54	4.37	5.57	54.4	6.29
41.12	38.23	5.13	5.15	5.17	5.33	36.90	43.24	5.35	4.55	4.31	5.66	71.1	9.12
41.56	37.80	5.06	5.11	5.10	5.37	38.83	40.92	5.30	4.72	4.63	5.66	104.4	18.39
4.83	4.68	38.34	41.72	4.70	5.71	4.53	5.89	43.25	37.35	3.68	5.29	54.4	5.84
4.84	4.53	39.38	41.71	4.63	4.91	4.79	5.54	41.36	39.15	4.15	4.99	71.1	8.84
20.12	39.17	5.05	4.96	20.53	10.16	17.76	44.99	5.14	4.43	16.95	10.73	54.4	6.28
20.82	37.84	4.94	5.16	21.15	10.09	19.06	41.60	5.14	4.88	18.79	10.52	104.4	18.40
10.19	9.90	9.78	19.95	40.03	10.14	10.10	13.02	10.96	18.89	35.28	11.74	54.4	5.61
10.24	9.45	9.72	19.98	40.67	9.94	10.10	11.05	10.45	19.52	38.02	10.86	104.4	16.91
20.64	19.73	9.96	4.32	4.56	40.77	17.92	22.39	9.86	4.28	3.88	41.66	54.4	6.38
20.90	19.26	9.66	4.81	5.00	40.37	19.27	20.55	9.89	4.58	4.38	41.32	104.4	18.80
89.73	0.12	0	0	0	10.14	38.01	0.09	0	0	0	11.90	54.4	5.47
90.18	0.12	0	0	0	9.70	38.88	0.10	0	0	0	11.02	104.4	16.57

Состав ил. донити, мол. %						Состав пара, мол. %						t	P, ата		
водо- род	азот	кисло- род	окись угле- рода	метан	этап	высшие углеводо- роды	водо- род	азот	кисло- род	окись углерода	метан			этап	высшие углеводо- роды
4.0	6.5	0.6	7.2	34.7	14.0	33.0	52.6	11.6	0.6	12.6	20.0	0.8	1.8	—104.1	60
6.8	7.4	0.6	7.8	37.0	12.0	28.7	52.9	11.6	0.6	12.6	19.8	0.8	1.7		70
12.5	10.5	0.6	8.0	31.0	9.4	28.0	53.0	11.7	0.6	12.6	19.8	0.7	1.7		90
0.0	2.9	0.6	4.5	63.5	8.0	20.5	55.4	12.8	0.0	13.3	18.5	0.0	0.0	—160.3	3
0.0	6.8	0.6	6.9	61.8	6.2	16.5	59.8	12.9	0.0	13.3	14.0	0.0	0.0		6
0.5	8.1	0.7	8.6	61.8	5.4	14.9	64.8	12.2	0.0	13.2	9.8	0.0	0.0		10
0.9	9.7	0.7	10.9	60.5	4.6	12.7	68.6	11.4	0.0	12.8	7.2	0.0	0.0	15	
2.0	11.7	0.7	13.8	57.5	3.7	10.6	73.0	10.6	0.0	11.4	5.0	0.0	0.0	25	
3.0	13.4	0.6	16.2	54.0	3.3	9.6	76.4	10.0	0.0	10.0	3.6	0.0	0.0	40	
5.7	15.1	0.6	14.5	49.3	3.0	8.8	78.7	8.9	0.0	8.8	3.6	0.0	0.0	60	
8.6	16.0	0.7	18.1	45.5	2.8	8.4	80.0	8.4	0.0	8.0	3.6	0.0	0.0	90	
0.5	7.2	0.6	11.0	68.0	3.6	9.1	72.6	10.9	0.0	13.2	3.3	0.0	0.0	—183.3	3
0.8	10.7	0.6	18.0	58.0	3.1	8.8	78.3	9.8	0.0	10.4	1.5	0.0	0.0		6
1.2	13.3	0.6	20.6	53.0	3.1	8.2	83.1	8.2	0.0	7.7	1.0	0.0	0.0		10
1.5	15.1	0.7	22.6	49.5	2.8	7.8	86.3	7.0	0.0	6.0	0.7	0.0	0.0	15	
2.4	16.2	0.6	23.5	47.6	2.5	7.2	89.1	6.3	0.0	4.6	0.0	0.0	0.0	25	
3.6	17.0	0.7	23.9	45.4	2.4	7.0	91.2	5.4	0.0	3.4	0.0	0.0	0.0	40	
4.6	17.8	0.6	23.8	44.0	2.4	6.8	91.6	5.2	0.0	3.2	0.0	0.0	0.0	55	
5.0	18.2	0.6	22.6	43.8	2.6	7.2	91.7	5.1	0.0	3.2	0.0	0.0	0.0	60	
8.4	17.0	0.6	22.0	43.5	2.5	7.0	91.4	5.4	0.0	3.2	0.0	0.0	0.0	90	
0.3	12.8	0.6	21.5	58.5	2.3	4.0	79.7	9.7	0.0	9.7	0.9	0.0	0.0	—195.5	2
0.7	14.6	0.6	23.2	55.0	2.0	3.9	86.7	7.6	0.0	5.7	0.0	0.0	0.0		4
0.9	17.4	0.6	24.5	51.0	1.6	4.0	90.0	6.0	0.0	4.0	0.0	0.0	0.0		6
1.4	19.0	0.6	28.0	45.7	1.4	3.9	93.0	4.4	0.0	2.6	0.0	0.0	0.0	10	
1.7	20.2	0.6	28.0	44.0	1.5	4.0	94.4	3.5	0.0	2.1	0.0	0.0	0.0	15	
2.4	20.2	0.6	27.0	43.0	1.8	5.0	95.4	3.1	0.0	1.5	0.0	0.0	0.0	25	
3.4	20.4	0.7	25.7	41.5	2.5	5.8	95.6	3.0	0.0	1.3	0.0	0.0	0.0	40	
4.7	19.9	0.6	24.6	41.7	2.5	6.0	95.7	3.0	0.0	1.3	0.0	0.0	0.0	60	

МЕТАН—ЭТАН—ПРОПАН—БУТАН—ПЕНТАН—ГЕКСАН—ГЕПТАН И ВЫШШЕ УГЛЕВОДОРОДЫ
 $\text{CH}_4 - \text{C}_2\text{H}_6 - \text{C}_3\text{H}_8 - \text{C}_4\text{H}_{10} - \text{C}_5\text{H}_{12} - \text{C}_6\text{H}_{14} - \text{C}_7\text{H}_{16}$

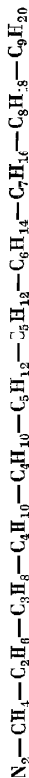
Состав жидкости, мол. %						Состав пара, мол. %						t	P, ата	
метан	этан	пропан	бутан	пентан	гексан и выше	метан	этан	пропан	бутан	пентан	гексан			гептан и выше
0.17	1.05	4.43	7.42	7.21	79.72	37.25	22.80	25.12	10.78	2.89	0.75	0.66	4.4	0.983
5.35	6.96	9.56	8.55	6.48	56.85	80.81	13.00	4.60	1.20	0.21	0.08	0.10		13.46
14.24	7.94	8.82	7.58	5.72	50.30	89.83	7.04	2.28	0.62	0.15	0.04	0.04		36.58
21.20	8.01	8.43	6.71	5.14	45.46	91.70	5.62	1.85	0.56	0.15	0.07	0.05		57.53
28.25	7.95	7.78	6.15	4.70	40.57	92.29	4.85	1.81	0.65	0.17	0.07	0.16		82.69
43.20	7.24	6.20	4.91	3.57	31.44	86.60	5.68	3.52	1.89	0.95	0.58	1.25		232.7
0.100	0.226	1.222	3.282	4.82	84.38	30.87	14.22	20.13	18.39	9.44	4.30	4.57	48.9	0.870
0.37	1.69	5.85	7.34	6.46	71.36	28.95	27.47	26.18	12.17	3.42	0.96	1.50		3.37
2.48	4.48	7.97	7.77	6.20	64.57	60.18	20.35	12.60	4.69	1.28	0.49	0.69		9.18
6.36	5.90	8.34	7.60	6.27	59.26	75.46	13.90	6.91	2.57	0.61	0.32	0.36		21.22
11.40	6.99	8.64	7.75	5.63	53.50	81.87	10.51	4.92	1.83	0.50	0.20	0.27		36.04
17.28	7.19	8.35	7.06	5.13	54.94	85.52	8.54	3.67	1.52	0.51	0.09	0.39		58.68
22.08	7.39	7.75	6.23	4.40	47.38	87.79	7.03	3.08	1.31	0.40	0.20	0.19		83.30
33.53	7.70	6.71	5.49	3.56	39.21	88.21	6.35	3.04	1.32	0.51	0.26	0.31		144.5
43.21	7.61	6.27	4.40	3.11	35.40	87.02	6.56	3.38	1.55	0.69	0.28	0.84		218.4
1.50	1.50	3.57	5.47	6.40	75.79	56.29	13.59	13.42	8.87	4.05	1.89	1.89	93.3	8.02
4.55	3.00	5.23	6.41	6.12	63.79	70.30	11.84	8.77	4.88	1.90	1.17	1.14		19.31
9.83	4.35	6.26	6.63	5.74	60.95	77.88	10.20	6.25	3.14	1.20	0.77	0.56		39.37
15.54	5.58	6.63	6.47	5.50	54.82	81.69	8.63	5.07	2.55	0.93	0.61	0.52		63.40
22.29	6.22	6.83	6.43	5.00	48.65	83.29	7.98	4.49	2.23	0.93	0.52	0.35		93.09
27.52	6.57	6.65	5.84	4.54	44.56	84.24	7.52	4.05	2.17	0.95	0.52	0.55		118.6
33.98	6.72	6.72	5.15	4.14	39.15	84.32	7.15	4.01	2.14	1.03	0.62	1.35		163.1

№ 2156 МЕТАН—ЭТАН—ПРОПАН—БУТАН—ПЕНТАН—ГЕКСАН—ГЕПТАН И ВЫШШЕ УГЛЕВОДОРОДЫ [924]



Состав жидкости, мол.-%										Состав пара, мол.				t	P, атм
метан	этан	пропан	бутан	пентан	гексан	гептан	метан	этан	пропан	бутан	пентан	гексан	гептан		
50.46	4.05	2.68	3.46	3.08	3.60	32.69	94.26	3.50	1.48	1.22	0.75	0.57	1.22	48.9	218
52.79	4.52	2.85	2.92	2.56	3.19	31.17	90.66	3.79	1.58	1.28	0.70	0.63	1.56		243
59.12	4.16	2.46	2.38	1.97	2.45	27.46	88.68	3.83	1.68	1.41	0.87	0.88	2.65		321
59.37	4.31	2.62	2.43	1.80	2.02	27.45	88.77	3.97	1.91	1.38	0.79	0.69	2.49		343
62.97	3.16	2.34	2.48	2.09	2.17	24.76	87.42	3.08	1.56	1.52	1.17	1.02	4.19		351
62.30	3.47	2.23	2.50	2.18	2.64	24.68	86.75	3.29	1.71	1.53	1.17	1.04	4.51		351
58.81	4.62	2.75	2.45	1.57	1.84	27.96	89.53	4.18	1.94	1.37	0.63	0.51	1.78		352
63.12	4.13	2.30	2.22	1.81	2.23	24.19	87.39	4.13	1.73	1.42	0.93	0.98	3.42		380
64.37	4.13	2.27	2.13	1.73	2.14	23.23	87.68	3.97	1.77	1.45	0.95	1.40	3.08		397
66.90	4.08	2.24	2.03	1.57	1.95	21.23	86.42	3.94	1.82	1.49	0.82	0.90	4.59		448
64.07	4.32	2.48	2.34	1.77	2.02	22.99	87.33	3.49	1.98	1.60	0.93	0.85	3.79		454
68.53	4.10	2.23	1.97	1.56	1.87	19.74	85.83	3.84	1.78	1.51	1.01	1.14	4.89		459
70.91	4.01	2.12	1.91	1.42	1.67	17.96	84.25	3.93	1.82	1.55	1.03	1.22	6.15		540
68.64	4.01	2.22	1.99	1.42	1.67	20.05	84.59	3.92	1.93	1.63	1.04	1.04	5.85		542
72.72	3.98	2.04	1.81	1.35	1.56	16.54	82.36	3.95	1.85	1.62	1.12	1.27	7.83		638
69.45	3.97	2.06	2.06	1.62	1.88	18.96	82.41	4.21	2.04	1.73	1.22	1.11	7.58		660
20.64	2.91	2.46	3.27	3.54	5.35	61.83	91.57	4.09	1.75	1.18	0.61	0.39	0.41	93.3	71
28.88	3.34	2.91	3.38	3.16	5.28	53.05	91.56	4.01	1.72	1.17	0.53	0.45	0.50		109
33.34	3.63	2.92	3.29	3.20	4.18	49.44	91.31	3.99	1.69	1.15	0.63	0.46	0.77		130
39.95	3.93	3.01	3.07	2.79	3.91	43.34	91.41	3.98	1.69	1.20	0.63	0.50	0.89		170
49.04	4.16	2.71	2.81	2.41	3.15	35.72	89.92	3.85	1.72	1.30	0.79	0.65	1.77		242
51.42	4.05	2.58	2.54	2.21	2.84	32.36	89.70	3.86	1.74	1.30	0.79	0.65	1.96		258
59.38	4.10	2.43	2.25	1.84	2.24	27.76	88.33	3.96	1.91	1.42	0.90	0.92	2.56		337
61.27	3.90	2.07	2.09	1.64	2.08	26.95	87.75	3.88	1.78	1.37	0.83	0.84	3.50		363
63.18	4.01	2.29	2.13	1.71	2.00	24.68	86.97	3.86	1.73	1.53	0.91	0.97	4.03		390
67.94	4.01	2.07	1.96	1.50	1.76	20.76	84.02	3.84	1.81	1.47	1.93	0.95	5.90		459
71.05	3.97	2.10	1.85	1.44	1.65	17.94	84.12	3.77	1.83	1.47	1.03	1.09	6.69		508
71.99	4.00	2.14	1.73	1.33	1.53	17.28	83.46	3.88	1.85	1.50	1.03	1.08	7.17		538
76.35	3.99	2.06	1.70	1.25	1.45	13.20	83.48	3.91	1.87	1.55	1.03	1.09	7.34		542
71.87	3.97	2.11	1.81	1.49	1.55	17.20	83.32	3.90	1.83	1.48	1.10	1.18	7.19		550

АЗОТ—МЕТАН—ЭТАН—ПРОПАН—БУТАН—ИЗБУТАН—ПЕНТАН—ИЗОПЕНТАН—ГЕКСАН—ПЕНТАН—ОКТАН—НОНАН И ВЫСШИЕ УГЛЕВОДОРОДЫ



Наименование фазы	Состав фаз, мол. %												t	Г
	азот	метан	этан	пропан	бутан	изо- бутан	пентан	изо- пентан	гексан	гептан	октан	нонан		
Жидкость	8.15	9.74	2.48	2.35	1.45	0.68	1.61	1.57	4.46	10.41	14.09	42.83	34.48	
Пар	47.04	47.31	4.38	0.81	0.14	0.46	0.05	0.00	0	0	0	0	34.48	
Жидкость	5.72	13.74	2.89	2.65	1.53	0.88	1.59	1.58	4.39	9.59	13.68	41.56	34.61	
Пар	14.40	81.22	2.66	4.17	0.23	0.21	0	0.09	0	0	0	0	34.61	
Жидкость	13.31	5.07	1.87	2.25	1.43	0.70	1.73	1.45	4.45	10.06	14.27	43.36	36.65	
Пар	63.30	32.11	3.41	0.72	0.17	0.16	0.05	0.09	0	0	0	0	36.65	
Жидкость	16.32	24.02	4.38	3.24	1.53	0.76	1.59	1.20	3.34	6.93	9.12	27.74	70.58	
Пар	13.94	79.89	4.73	0.98	0.15	0.48	0.07	0.06	0	0	0	0	70.58	
Жидкость	22.30	16.39	3.32	2.82	1.50	0.71	1.22	1.02	3.39	7.11	10.02	30.47	70.72	
Пар	40.13	54.30	4.36	0.80	0.15	0.11	0.07	0.08	0	0	0	0	70.72	
Жидкость	16.56	18.48	4.09	3.13	1.63	0.74	1.41	0.95	3.16	7.00	10.65	32.39	71.40	
Пар	24.15	69.54	4.86	0.94	0.21	0.19	0.03	0.08	0	0	0	0	71.40	
Жидкость	19.16	21.15	4.58	4.15	2.23	0.66	1.59	1.11	3.33	6.39	8.95	27.20	101.12	
Пар	24.66	69.19	4.53	1.04	0.26	0.17	0.10	0.05	0	0	0	0	101.12	
Жидкость	7.64	16.68	4.22	2.63	1.74	0.88	1.44	1.66	4.46	9.01	12.29	37.36	102.48	
Пар	48.03	46.69	4.30	0.77	0.06	0.11	0.01	0.03	0	0	0	0	102.48	
Жидкость	19.06	29.78	4.60	3.34	1.44	0.74	1.21	1.12	2.35	5.60	7.49	22.78	105.74	
Пар	19.09	74.10	5.23	0.95	0.23	0.22	0.06	0.11	0	0	0	0	105.74	
Жидкость	2.76	34.41	4.46	2.33	1.05	0.72	1.03	1.02	2.53	6.57	10.72	32.60	135.73	
Пар	16.62	76.88	5.05	0.89	0.23	0.20	0.04	0.09	0	0	0	0	135.73	
Жидкость	15.62	25.00	5.90	3.13	1.63	0.75	1.49	1.28	2.34	6.09	8.98	27.29	137.84	
Пар	41.16	53.25	4.36	0.81	0.14	0.14	0.04	0.07	0.03	0	0	0	137.84	
Жидкость	4.95	30.95	4.85	2.60	1.26	0.90	1.07	1.19	3.37	6.60	10.43	31.71	139.74	
Пар	31.80	62.43	4.53	0.84	0.16	0.11	0.05	0.08	0	0	0	0	139.74	
Жидкость	31.84	30.65	6.38	3.18	1.60	0.44	1.02	0.60	1.25	3.28	4.90	42.89	172.86	
Пар	22.51	70.35	4.84	1.01	0.21	0.21	0.09	0.11	0.16	0.19	0.08	0.26	172.86	

Таблица № 2157 (продолжение)

Наименование фазы	Состав фаз, мас. %										t	Р		
	азот	метан	этан	пропан	бутан	изобутан	пентан	гексан	октан	нонан				
Жидкость	10.14	26.12	4.68	2.37	1.12	0.73	0.95	0.92	1.95	5.95	11.14	33.90	37.8	197.88
Пар	44.98	48.76	4.68	0.99	0.17	0.15	0.15	0.11	0	0	0	0		197.88
Жидкость	1.87	8.06	1.38	1.15	0.74	0.34	0.88	0.98	3.33	9.88	17.67	53.72	104.4	33.93
Пар	32.49	55.44	5.81	1.39	0.41	0.32	0.19	0.22	0.36	0.61	0.68	2.05		33.93
Жидкость	5.47	6.48	1.55	1.42	0.75	0.54	1.19	1.19	4.80	11.36	18.20	49.25		34.20
Пар	61.32	28.62	3.60	1.26	0.22	0.23	0.19	0.24	0.46	0.78	0.83	2.25		34.20
Жидкость	3.14	14.35	2.79	1.51	1.22	0.50	1.42	1.36	3.89	9.46	14.94	45.42		34.34
Пар	9.09	80.06	4.98	1.22	0.44	0.23	0.27	0.29	0.54	0.72	0.52	1.59		34.34
Жидкость	13.77	27.60	4.61	2.45	1.56	0.61	1.31	1.25	3.32	6.83	9.08	27.61		66.98
Пар	8.07	84.80	3.90	1.03	0.45	0.29	0.10	0.24	0.12	0.20	0.20	0.60		66.98
Жидкость	8.07	23.32	3.54	2.36	1.32	0.59	1.34	1.22	3.54	7.99	1.56	35.15		69.56
Пар	18.86	73.11	4.40	1.12	0.39	0.22	0.15	0.27	0.18	0.21	0.27	0.81		69.56
Жидкость	54.34	11.69	3.80	2.69	1.62	0.23	0.80	0.41	1.30	3.04	4.95	15.04		70.24
Пар	48.89	43.88	4.20	0.73	0.21	0.12	0.14	0.17	0.16	0.35	0.28	0.87		70.24
Жидкость	12.81	29.60	4.88	2.17	1.09	0.48	1.05	0.99	3.02	6.42	9.03	27.46		102.68
Пар	11.07	79.26	4.70	0.95	0.18	0.09	0.15	0.20	0.39	0.70	0.57	1.73		102.68
Жидкость	8.02	17.14	1.79	1.40	1.04	0.53	1.37	1.57	4.07	9.31	13.36	40.60		103.84
Пар	49.68	43.80	3.85	0.62	0.19	0.14	0.14	0.16	0.16	0.36	0.22	0.68		103.84
Жидкость	5.99	25.51	2.78	1.93	1.45	0.73	1.47	1.60	3.92	8.32	11.46	34.84		104.18
Пар	32.98	58.67	4.15	0.89	0.26	0.21	0.13	0.21	0.26	0.52	0.43	1.29		104.18
Жидкость	6.37	33.54	3.29	1.90	0.92	0.47	0.97	0.96	2.90	7.10	10.29	31.29		137.09
Пар	23.40	67.27	4.65	0.87	0.17	0.14	0.12	0.19	8.32	0.54	0.58	1.78		137.09
Жидкость	43.79	18.99	4.53	2.77	1.46	0.25	0.83	0.46	1.68	3.24	5.45	16.55		140.22
Пар	46.17	44.80	4.23	0.75	0.26	0.16	0.11	0.18	0.31	0.55	0.61	1.87		140.22
Жидкость	28.27	35.26	6.95	3.40	1.56	0.30	0.73	0.46	1.55	3.34	4.56	13.87		171.09
Пар	11.50	79.14	4.92	0.96	0.27	0.18	0.12	0.22	0.45	0.47	4.38	1.33		171.09
Жидкость	4.19	54.55	4.67	2.13	0.56	0.39	0.69	0.75	1.64	4.38	6.47	19.67		205.02
Пар	12.04	75.46	5.08	1.01	0.20	0.14	0.10	0.16	0.39	0.81	1.14	3.47		205.02
Жидкость	12.41	41.27	5.11	1.80	0.81	0.44	0.80	0.85	2.38	5.32	7.13	21.68		209.37
Пар	31.71	57.63	4.38	0.77	0.13	0.07	0.18	0.25	0.34	0.73	0.94	2.87		209.37

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ФОРМУЛЬНЫЙ УКАЗАТЕЛЬ БИНАРНЫХ СИСТЕМ

Компонент А	Компонент Б	№№ таблиц	Компонент А	Компонент Б	№№ таблиц
H ₂	D ₂	4, 2	KCl	BeCl ₂	61
H ₂	N ₂	3—6	Zn	Cd	62
H ₂	NH ₃	7	ZnCl ₂	PbCl ₂	63
H ₂	CO	8	BF ₃	C ₅ H ₁₂	64
H ₂	CH ₄	9—11	B ₂ H ₆	C ₄ H ₁₀ O	65
H ₂	CH ₄ O	12	AlCl ₃	NbCl ₅	66
H ₂	C ₂ H ₄	13, 14	AlCl ₃	TaCl ₅	67
H ₂	C ₂ H ₆	15, 16	AlCl ₃	FeCl ₃	68
H ₂	C ₃ H ₆	17	SiCl ₄	TiCl ₄	69, 70
H ₂	C ₃ H ₈	18—20	SiCl ₄	PCl ₃	71
H ₂	C ₄ H ₁₀	21—23	SiCl ₄	POCl ₃	72
H ₂	C ₆ H ₆	24	SiCl ₄	SbCl ₃	73
H ₂	C ₆ H ₁₂	25	SiCl ₄	CCl ₄	74, 75
H ₂	C ₇ H ₁₄	26	SiCl ₄	CH ₃ SiCl ₃	76
H ₂	C ₇ H ₁₆	27	SiCl ₄	CH ₃ SiCl ₂	77
H ₂	C ₈ H ₁₈	28, 29	SiCl ₄	C ₂ H ₃ N	78
H ₂	C ₁₂ H ₂₆	30	SiCl ₄	C ₃ H ₉ SiCl	79, 80
HNO ₃	N ₂ O ₄	31	TiCl ₄	SnCl ₄	81
HNO ₃	CHCl ₃	32	TiCl ₄	POCl ₃	82
HNO ₃	C ₂ H ₄ O ₂	33	TiCl ₄	VOCl ₃	83
H ₂ S	CO ₂	34, 35	TiCl ₄	TaCl ₅	84
H ₂ S	CH ₄	36	TiCl ₄	SOCl ₂	85
H ₂ S	C ₂ H ₆	37	TiCl ₄	SO ₂ Cl ₂	86
H ₂ S	C ₃ H ₆	38	TiCl ₄	CCl ₄	87—89
H ₂ S	C ₃ H ₈	39—42	TiCl ₄	C ₂ OCl ₄	90
H ₂ S	C ₅ H ₁₂	43	TiCl ₄	C ₂ H ₂ Cl ₄	91
H ₂ S	C ₁₀ H ₂₂	44	TiCl ₄	C ₂ H ₂ OCl ₂	92
HF	NH ₃	45	GeCl ₄	AsCl ₃	93
HF	SbF ₅	46	SnCl ₂	FeCl ₂	94
HF	UF ₆	47	SnCl ₄	CCl ₄	95
HF	ClF ₃	48	SnCl ₄	C ₄ H ₅ O ₂ Cl ₃	96
HCl	C ₂ H ₆	49	SnCl ₄	C ₄ H ₈ O ₂	97
HCl	C ₄ H ₁₀	50	SnCl ₄	C ₅ H ₁₀ O ₂	98
D ₂	N ₂	51	SnCl ₄	C ₆ H ₆	99
He ³	He ⁴	52—54	SnCl ₄	C ₆ H ₁₂ O ₂	100
He	N ₂	55—58	SnCl ₄	C ₇ H ₈ O	101
He	CH ₄	59	SnCl ₄	C ₇ H ₁₄ O ₂	102, 103
NaCl	BeCl ₂	60	N ₂	C ₈ H ₁₈	104
				NH ₃	105

Компонент А	Компонент Б	№№ таблиц	Компонент А	Компонент Б	№№ таблиц
N ₂	O ₂	106—115	H ₂ O	HF	203—205
N ₂	SO ₂	116, 117	H ₂ O	HCl	206—212
N ₂	Ar	118—120	H ₂ O	HBr	213
N ₂	CO	121, 122	H ₂ O	NH ₃	214—217
N ₂	CO ₂	123	H ₂ O	N ₂ H ₄	218—222
N ₂	CH ₄	124—129	H ₂ O	N ₂ H ₆ O	223
N ₂	C ₂ H ₆	130	H ₂ O	SO ₂	224
N ₂	C ₃ H ₈	131	H ₂ O	SO ₃	225
N ₂	C ₄ H ₁₀	132, 133	H ₂ O	Br ₂	226, 227
N ₂	C ₆ H ₆	134—136	H ₂ O	CF ₂ Cl ₂	228
N ₂	C ₇ H ₁₆	137, 138	H ₂ O	CO ₂	229
N ₂	C ₁₀ H ₂₂	139	H ₂ O	CHN	230
NO	NO ₂	140	H ₂ O	CH ₂ O	231—234
N ₂ O ₄	Cl ₂	141	H ₂ O	CH ₂ O ₂	235—245
NOCl	Cl ₂	142	H ₂ O	CH ₃ NO ₂	246
NH ₃	N ₂ H ₄	143	H ₂ O	CH ₃ O	247—264
NH ₃	Ar	144	H ₂ O	C ₂ H ₃ N	265—267
NH ₃	C ₂ H ₂	145	H ₂ O	C ₂ H ₄	268
NH ₃	C ₂ H ₃ Cl	146	H ₂ O	C ₂ H ₄ O	269—274
N ₂ H ₄	C ₂ H ₈ N ₂	147, 148	H ₂ O	C ₂ H ₄ O ₂	275—292
PCl ₃	POCl ₃	149	H ₂ O	C ₂ H ₄ Cl ₂	293
POCl ₃	VOCl ₃	150	H ₂ O	C ₂ H ₅ NO	294
POCl ₃	SO ₂ Cl ₂	151	H ₂ O	C ₂ H ₅ OCl	295
NbCl ₅	TaCl ₅	152	H ₂ O	C ₂ H ₆ O	296—310
NbCl ₅	FeCl ₃	153	H ₂ O	C ₂ H ₆ O ₂	311—314
TaCl ₅	FeCl ₃	154	H ₂ O	C ₃ H ₃ N	315
O ₂	O ₃	155—157	H ₂ O	C ₃ H ₃ NS	316
O ₂	Ar	158—164	H ₂ O	C ₃ H ₄ O	317
O ₂	Kr	165, 166	H ₂ O	C ₃ H ₆ O	318—333
S	Se	167—169	H ₂ O	C ₃ H ₆ O ₂	334—342
SO ₂	CH ₄	170	H ₂ O	C ₃ H ₇ NO	343, 344
SO ₂ Cl ₂	C ₂ H ₂ Cl ₄	171	H ₂ O	C ₃ H ₈	345
SO ₃	HSO ₃ Cl	172	H ₂ O	C ₃ H ₈ O	346—357
SF ₆	C ₅ F ₁₂	173	H ₂ O	C ₃ H ₈ O ₂	358
WF ₆	C ₅ F ₁₀	174	H ₂ O	C ₃ H ₈ O ₃	359, 360
WF ₆	C ₆ F ₁₂	175	H ₂ O	C ₄ H ₆ O	361
UF ₆	ClF ₃	176	H ₂ O	C ₄ H ₆ O ₂	362
UF ₆	BrF ₅	177	H ₂ O	C ₄ H ₆ O ₃	363
Br ₂	BrF ₃	178	H ₂ O	C ₄ H ₈	364
Br ₂	CCl ₄	179	H ₂ O	C ₄ H ₈ O	365—371
Br ₂	C ₂ F ₂ Cl ₄	180	H ₂ O	C ₄ H ₈ O ₂	372—388
Br ₂	C ₂ F ₃ Cl ₃	181	H ₂ O	C ₄ H ₁₀	389, 391
Br ₂	C ₂ HCl ₃ F ₃	182	H ₂ O	C ₄ H ₁₀ O	392—405
Br ₂	C ₂ H ₂ F ₃ Cl ₂	183	H ₂ O	C ₄ H ₁₀ O ₂	406—410
Br ₂	C ₂ F ₅ Cl ₃	184	H ₂ O	C ₄ H ₁₀ O ₃	411
Br ₂	C ₇ H ₅ F ₃	185	H ₂ O	C ₄ H ₁₁ N	412, 413
Ar	Kr	186	H ₂ O	C ₅ H ₄ O ₂	414—418
Ar	C ₃ H ₆	187	H ₂ O	C ₅ H ₅ N	419—420
Ar	C ₅ F ₁₂	188	H ₂ O	C ₅ H ₈ O	427
H ₂ O	H ₂ O ₂	189—191	H ₂ O	C ₅ H ₁₀ O ₂	428, 429
H ₂ O	HNO ₃	192, 201	H ₂ O	C ₅ H ₁₁ N	430
H ₂ O	H ₂ S	202	H ₂ O	C ₅ H ₁₂ O	431, 432

Компонент А	Компонент Б	№№ таблиц	Компонент А	Компонент Б	№№ таблиц
H ₂ O	C ₆ H ₆ O	433—438	CS ₂	C ₆ H ₁₅ N	527
H ₂ O	C ₆ H ₇ N	439—446	CF ₂ Cl ₂	CHF ₂ Cl	528
H ₂ O	C ₆ H ₈ N ₂	447	CF ₂ Cl ₃	C ₃ F ₆	529
H ₂ O	C ₆ H ₁₀ O	448	CF ₂ Cl ₂	C ₄ F ₈	530
H ₂ O	C ₆ H ₁₁ NO	449	CClN	CHN	531
H ₂ O	C ₆ H ₁₂ O	450	CCl ₄	CHCl ₃	532, 533
H ₂ O	C ₆ H ₁₂ O ₂	451, 452	CCl ₄	CH ₂ Cl ₂	534, 535
H ₂ O	C ₆ H ₁₃ N	453	CCl ₄	CH ₃ NO ₂	536
H ₂ O	C ₆ H ₁₄ O ₂	454, 455	CCl ₄	CH ₃ J	537
H ₂ O	C ₆ H ₁₄ O ₄	456	CCl ₄	CH ₄ O	538—541
H ₂ O	C ₆ H ₁₅ N	457, 458	CCl ₄	C ₂ Cl ₄	542
H ₂ O	C ₇ H ₆ O	459	CCl ₄	C ₂ HCl ₃	543
H ₂ O	C ₇ H ₉ N	460—462	CCl ₄	C ₂ H ₃ N	544
H ₂ O	C ₁₀ H ₁₄ N ₂	463	CCl ₄	C ₂ H ₃ Cl ₃	545
CO	C ₂ H ₈	464—466	CCl ₄	C ₂ H ₄	546
CO	C ₁₀ H ₂₂	467, 468	CCl ₄	C ₂ H ₄ Cl ₂	547—550
COCl ₂	CCl ₄	469	CCl ₄	C ₂ H ₅ NO ₂	551
COCl ₂	C ₂ HCl ₃	470	CCl ₄	C ₂ H ₅ J	552
COCl ₂	C ₂ H ₂ Cl ₄	471	CCl ₄	C ₂ H ₆ O	553—555
COCl ₂	C ₂ H ₄ Cl ₂	472, 473	CCl ₄	C ₃ H ₆ O	556—559
COCl ₂	C ₆ H ₃ Cl ₃	474	CCl ₄	C ₃ H ₇ NO ₂	560—561
COCl ₂	C ₆ H ₅ Cl	475	CCl ₄	C ₃ H ₈ O	562—565
COCl ₂	C ₆ H ₆	476	CCl ₄	C ₄ H ₈ O	566
COCl ₂	C ₇ H ₈	477	CCl ₄	C ₄ H ₈ O ₂	567—570
COCl ₂	C ₈ H ₁₀	478, 479	CCl ₄	C ₄ H ₁₀ O	571—574
CO ₂	CF ₂ Cl ₂	480	CCl ₄	C ₅ H ₄ O ₂	575
CO ₂	CH ₄	481	CCl ₄	C ₆ H ₅ NO ₂	576
CO ₂	C ₂ H ₄ ⁸⁷	482, 483	CCl ₄	C ₆ H ₆	577—588
CO ₂	C ₂ H ₄ O ¹	484	CCl ₄	C ₆ H ₆ O	589, 590
CO ₂	C ₃ H ₆	485—487	CCl ₄	C ₆ H ₁₂	591—596
CO ₂	C ₆ H ₆	488—491	CCl ₄	C ₇ H ₈	597—599
CO ₂	C ₄ H ₁₀	492—494	CCl ₄	C ₇ H ₈ O	600—602
CO ₂	C ₄ H ₁₀ O	495	CCl ₄	C ₇ H ₁₆	603
CO ₂	C ₅ H ₁₂	496	CCl ₄	C ₈ H ₁₀ O	604—607
CO ₂	C ₆ H ₆	497	CHF ₂ Cl	C ₃ F ₆	608
CO ₂	C ₆ H ₁₂	498	CHF ₂ Cl	C ₄ F ₈	609
CO ₂	C ₁₀ H ₂₂	499	CHF ₃	CH ₂ F ₂	610
CO ₂	Конденсат	500	CHF ₃	C ₂ F ₆	611
CS ₂	CCl ₄	501, 502	CHCl ₃	CH ₂ O ₂	612
CS ₂	CHCl ₃	503	CHCl ₃	CH ₂ Cl ₂	613
CS ₂	CH ₃ NO ₂	504	CHCl ₃	CH ₃ J	614, 615
CS ₂	CH ₃ J	505	CHCl ₃	CH ₄ O	616—622
CS ₂	CH ₄ O	506	CHCl ₃	C ₂ H ₄	623
CS ₂	C ₂ H ₃ N	507	CHCl ₃	C ₂ H ₄ O ₂	624, 625
CS ₂	C ₃ H ₆ O	508—512	CHCl ₃	C ₂ H ₄ Cl ₂	626, 627
CS ₂	C ₃ H ₈ O ₂	513, 514	CHCl ₃	C ₂ H ₆ O	628—631
CS ₂	C ₄ H ₆ Cl	515, 516	CHCl ₃	C ₃ H ₆ O	632—644
CS ₂	C ₄ H ₁₀ O	517—519	CHCl ₃	C ₃ H ₆ O ₂	645, 646
CS ₂	C ₅ H ₁₂	520, 521	CHCl ₃	C ₃ H ₈ O ₂	647
CS ₂	C ₆ H ₈	522, 523	CHCl ₃	C ₄ H ₈ O	648
CS ₂	C ₆ H ₇ N ₃ SO ₆	524	CHCl ₃	C ₄ H ₈ O ₂	649
CS ₂	C ₆ H ₁₂	525, 526	CHCl ₃	C ₄ H ₁₀ O	650—653

Компонент А	Компонент Б	№№ таблиц	Компонент А	Компонент Б	№№ таблиц
CHCl_3	C_6H_6	654—657	CH_4O	$\text{C}_2\text{H}_4\text{O}_2$	734
CHCl_3	C_6H_{12}	658	CH_4O	$\text{C}_3\text{H}_4\text{Cl}_2$	735, 736
CHCl_3	$\text{C}_6\text{H}_{12}\text{O}$	659	CH_4O	C_2H_6	737
CHCl_3	$\text{C}_6\text{H}_{12}\text{O}_2$	660	CH_4O	$\text{C}_3\text{H}_6\text{O}$	738—740
CHCl_3	C_6H_{14}	661	CH_4O	$\text{C}_2\text{H}_6\text{O}_2$	741
CHCl_3	$\text{C}_6\text{H}_{14}\text{O}$	662	CH_4O	$\text{C}_3\text{H}_6\text{O}_2$	742—751
CHCl_3	C_7H_8	663—665	CH_4O	$\text{C}_3\text{H}_6\text{O}_2$	752—754
CDCl_3	$\text{C}_3\text{H}_6\text{O}$	666	CH_4O	$\text{C}_3\text{H}_7\text{NO}$	755, 756
CHBr_3	CH_4O	667	CH_4O	$\text{C}_3\text{H}_8\text{O}$	757—759
CHBr_3	$\text{C}_2\text{H}_6\text{O}$	668	CH_4O	$\text{C}_3\text{H}_8\text{O}_2$	760, 761
CH_2O	CH_4O	669	CH_4O	$\text{C}_3\text{H}_9\text{BO}_3$	762
CH_2O	$\text{C}_5\text{H}_5\text{N}$	670	CH_4O	$\text{C}_4\text{H}_8\text{O}$	763—765
CH_2O_2	$\text{C}_2\text{H}_4\text{O}_2$	671—674	CH_4O	$\text{C}_4\text{H}_8\text{O}_2$	766—769
CH_2O_2	$\text{C}_2\text{H}_4\text{Cl}_2$	675	CH_4O	$\text{C}_4\text{H}_{10}\text{O}$	770—773
CH_2O_2	$\text{C}_3\text{H}_6\text{O}_2$	676	CH_4O	$\text{C}_5\text{H}_4\text{O}_2$	774
CH_2O_2	$\text{C}_3\text{H}_7\text{NO}$	677	CH_4O	C_5H_8	775—778
CH_2O_2	$\text{C}_4\text{H}_8\text{O}_2$	678	CH_4O	$\text{C}_5\text{H}_8\text{O}_2$	779
CH_2O_2	C_6H_6	679	CH_4O	C_5H_{10}	780—782
CH_2Cl_2	CH_3J	680	CH_4O	$\text{C}_5\text{H}_{10}\text{O}$	783
CH_2Cl_2	CH_4O	681	CH_4O	C_5H_{12}	784, 785
CH_2Cl_2	$\text{C}_4\text{H}_{10}\text{O}$	682	CH_4O	$\text{C}_5\text{H}_{12}\text{O}$	786, 787
CH_2Cl_2	C_5H_{12}	683	CH_4O	$\text{C}_5\text{H}_{12}\text{O}_3$	788
CH_3SiCl_3	$\text{C}_2\text{H}_6\text{SiCl}_2$	684, 685	CH_4O	C_6H_6	789—798
CH_3SiCl_3	$\text{C}_3\text{H}_5\text{SiCl}$	686	CH_4O	$\text{C}_6\text{H}_7\text{N}_3\text{SO}_6$	799
CH_3NO_2	CH_4O	687, 688	CH_4O	C_6H_{12}	800
CH_3NO_2	C_2HCl_3	689	CH_4O	$\text{C}_6\text{H}_{12}\text{O}$	801
CH_3NO_2	$\text{C}_2\text{H}_3\text{N}$	690	CH_4O	$\text{C}_6\text{H}_{12}\text{O}_2$	802
CH_3NO_2	$\text{C}_2\text{H}_5\text{NO}_2$	691	CH_4O	C_6H_{14}	803—806
CH_3NO_2	$\text{C}_3\text{H}_6\text{O}$	692	CH_4O	C_7H_8	807—809
CH_3NO_2	$\text{C}_3\text{H}_6\text{O}$	693, 694	CH_4O	C_7H_{16}	810
CH_3NO_2	$\text{C}_4\text{H}_{10}\text{O}$	695	CH_4O	$\text{C}_{10}\text{H}_{22}$	811
CH_3NO_2	C_5H_8	696, 697	CH_5N	$\text{C}_2\text{H}_7\text{N}$	812
CH_3NO_2	C_5H_{10}	698, 699	C_2F_6	C_2H_6	813
CH_3NO_2	C_5H_{12}	700	C_2Cl_4	C_2HCl_3	814
CH_3NO_2	C_6H_6	701—703	C_2Cl_4	C_6H_6	815
CH_3J	$\text{C}_4\text{H}_{10}\text{O}$	704	C_2HCl_3	$\text{C}_2\text{H}_3\text{N}$	816
CH_3J	C_6H_6	705	C_2HCl_3	$\text{C}_2\text{H}_4\text{O}_2$	817
CH_4	C_2H_4	706, 707	C_2HCl_3	$\text{C}_2\text{H}_6\text{O}$	818
CH_4	$\text{C}_2\text{H}_4\text{O}$	708	C_2HCl_3	$\text{C}_3\text{H}_6\text{O}$	819, 820
CH_4	C_2H_6	709, 710	C_2HCl_3	$\text{C}_4\text{H}_8\text{O}$	821
CH_4	C_3H_8	711—714	C_2HCl_3	$\text{C}_4\text{H}_8\text{O}_2$	822
CH_4	C_4H_{10}	715—719	C_2HCl_3	C_6H_6	823—825
CH_4	C_5H_{12}	720—723	C_2HCl_3	C_6H_{12}	826, 827
CH_4	C_6H_6	724	C_2HCl_3	C_7H_8	828
CH_4	C_6H_{14}	725	C_2HCl_3	C_7H_{16}	829
CH_4	C_7H_8	726	C_2H_2	C_2H_4	830, 831
CH_4	C_8H_{18}	727	C_2H_2	C_3H_6	832
CH_4	$\text{C}_{10}\text{H}_{22}$	728	C_2H_2	C_3H_8	833
CH_4O	C_2HCl_2	729	$\text{C}_2\text{H}_2\text{Cl}_2$	$\text{C}_3\text{H}_3\text{Cl}$	834
CH_4O	$\text{C}_3\text{H}_2\text{Cl}_2$	730, 731	$\text{C}_2\text{H}_2\text{Cl}_2$	$\text{C}_2\text{H}_6\text{O}$	835—837
CH_4O	$\text{C}_2\text{H}_3\text{N}$	732	$\text{C}_2\text{H}_2\text{Cl}_2$	$\text{C}_3\text{H}_6\text{O}$	838
CH_4O	$\text{C}_2\text{H}_4\text{O}$	733	$\text{C}_2\text{H}_2\text{Cl}_2$	$\text{C}_3\text{H}_6\text{O}_2$	839—842

Компонент А	Компонент Б	№№ таблиц	Компонент А	Компонент Б	№№ таблиц
$C_2H_2Cl_2$	$C_3H_8O_2$	843, 844	$C_2H_4O_2$	$C_5H_{10}O_3$	922
$C_2H_2Cl_3$	C_4H_8O	845—848	$C_2H_4O_2$	C_6H_6	923—929
$C_2H_2Cl_2$	$C_6H_{14}O$	849, 850	$C_2H_4O_2$	$C_6H_{10}O_2$	930
$C_2H_2Cl_4$	$C_4H_{10}O$	851	$C_2H_4O_2$	$C_6H_{12}O$	931
C_2H_3N	C_2H_6O	852	$C_2H_4O_2$	$C_6H_{12}O_2$	932, 933
C_2H_3N	C_3H_3N	853, 854	$C_2H_4O_2$	C_6H_{14}	934
C_2H_3N	C_3H_6O	855, 856	$C_2H_4O_2$	$C_6H_{15}N$	935
C_2H_3N	C_3H_5SiCl	857	$C_2H_4O_2$	C_7H_8	936—939
C_2H_3N	$C_4H_{10}O$	858	$C_2H_4O_2$	C_7H_9N	940
C_2H_3N	C_5H_8	859	$C_2H_4O_2$	$C_7H_{12}O$	941
C_2H_3N	C_5H_{10}	860—862	$C_2H_4O_2$	$C_7H_{12}O_4$	942
C_2H_3N	C_5H_{12}	863	$C_2H_4O_2$	$C_7H_{14}O$	943, 944
C_2H_3N	C_6H_6	864	$C_2H_4O_2$	$C_7H_{14}O_2$	945
C_2H_3N	C_6H_7N	865	$C_2H_4O_2$	C_8H_8	946
$C_2H_3Cl_3$	$C_2H_4Cl_2$	866	$C_2H_4O_2$	C_8H_{10}	947—949
$C_2H_3Cl_3$	C_3H_6O	867	$C_2H_4O_2$	$C_8H_{11}N$	950
$C_2H_3SiCl_3$	$C_3H_5SiCl_2$	868	$C_2H_4O_2$	$C_8H_{12}O_3$	951
C_2H_3Br	C_3H_5Br	869	$C_2H_4O_2$	$C_8H_{14}O_2$	952
C_2H_4	C_2H_6	870—873	$C_2H_4O_2$	$C_8H_{14}O_4$	953
C_2H_4	C_2H_6O	874	$C_2H_4O_2$	$C_8H_{16}O_2$	954, 955
C_2H_4	C_3H_6	875	$C_2H_4O_2$	C_8H_{18}	956, 957
C_2H_4	C_4H_{10}	876	$C_2H_4O_2$	$C_9H_{16}O$	958
C_2H_4	C_6H_6	877	$C_2H_4O_2$	$C_{10}H_{16}O$	959
C_2H_4	C_7H_{16}	878	$C_2H_4O_2$	$C_{10}H_{22}$	960
C_2H_4O	C_2H_4O	879	$C_2H_4Cl_2$	$C_2H_4Cl_2$	961
C_2H_4O	$C_2H_4O_2$	880, 881	$C_2H_4Cl_2$	C_2H_5ClO	962
C_2H_4O	$C_2H_4Cl_2$	882, 883	$C_2H_4Cl_2$	C_2H_6O	963—965
C_2H_4O	C_2H_6O	884	$C_2H_4Cl_2$	C_3H_6O	966, 967
C_2H_4O	C_3H_6O	885	$C_2H_4Cl_2$	C_3H_8O	968
C_2H_4O	$C_4H_6O_2$	886	$C_2H_4Cl_2$	$C_4H_8O_2$	969
C_2H_4O	$C_5H_4O_2$	887	$C_2H_4Cl_2$	$C_4H_{10}O$	970
C_2H_4O	C_6H_6	888	$C_2H_4Cl_2$	$C_5H_{12}O$	971
C_2H_4O	C_7H_8	889	$C_2H_4Cl_2$	C_6H_{16}	972—980
$C_2H_4O_2$	$C_2H_4Cl_2$	890	$C_2H_4Cl_2$	C_6H_{12}	981
$C_2H_4O_2$	C_2H_5NO	891	$C_2H_4Cl_2$	C_7H_8	982—985
$C_2H_4O_2$	C_2H_6O	892	$C_2H_4Cl_2$	C_7H_{16}	986
$C_2H_4O_2$	C_3H_6O	893, 894	$C_2H_4Cl_2$	C_7H_{18}	987
$C_2H_4O_2$	$C_3H_6O_2$	895—898	$C_2H_4Cl_2$	C_7H_{18}	988
$C_2H_4O_2$	C_3H_8O	899	$C_2H_4Br_2$	$C_3H_6Br_2$	989
$C_2H_4O_2$	$C_4H_4O_2$	900	$C_2H_4Br_2$	$C_3H_7NO_2$	990
$C_2H_4O_2$	C_4H_5N	901	$C_2H_4Br_2$	C_6H_5Cl	991
$C_2H_4O_2$	$C_4H_6O_2$	902	$C_2H_4Br_2$	C_8H_{10}	992, 993
$C_2H_4O_2$	$C_4H_6O_3$	903—906	$C_2H_5NO_2$	C_8H_{18}	994
$C_2H_4O_2$	C_4H_8O	907	C_2H_5Cl	C_4H_{10}	995
$C_2H_4O_2$	$C_4H_8O_2$	908—913	C_2H_5Cl	$C_4H_{10}O$	996
$C_2H_4O_2$	C_4H_{10}	914	C_2H_5ClO	$C_4H_8Cl_2O$	997
$C_2H_4O_2$	$C_4H_{10}O$	915	C_2H_5ClO	$C_4H_{10}O$	998, 999
$C_2H_4O_2$	$C_5H_4O_2$	916	C_2H_5ClO	C_6H_8	1000
$C_2H_4O_2$	C_5H_5N	917	C_2H_5ClO	C_6H_{12}	1001
$C_2H_4O_2$	C_5H_8	918	C_2H_5ClO	$C_6H_{14}O$	1002
$C_2H_4O_2$	C_5H_{10}	919	C_2H_5ClO	C_7H_8	1003
$C_2H_4O_2$	$C_5H_{10}O_2$	920—921	C_2H_5ClO	C_8H_8O	1004

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C_2H_5Br	C_2H_5J	1005	C_3H_5Cl	C_3H_5Cl	1109
C_2H_5Br	C_2H_6O	1006	$C_3H_5Cl_3$	C_3H_5ClO	1110
C_2H_5Br	C_6H_6	1007	$C_3H_5Cl_3$	$C_6H_{12}O_2$	1111
C_2H_5Br	C_7H_{16}	1008	C_3H_6	C_3H_8	1112—1114
C_2H_5J	C_2H_6O	1009	C_3H_6	C_4H_8	1115
C_2H_5J	$C_4H_8O_2$	1010, 1011	C_3H_6	C_4H_{10}	1116
C_2H_5J	C_7H_{16}	1012	C_3H_6O	C_3H_8O	1117—1119
C_2H_6	C_3H_6	1013, 1014	C_3H_6O	$C_4H_6O_2$	1120
C_2H_6	C_3H_8	1015	C_3H_6O	$C_4H_6O_3$	1121
C_2H_6	C_4H_{10}	1016	C_3H_6O	C_4H_8O	1122
C_2H_6	C_5H_{12}	1017	C_3H_6O	$C_4H_{10}O$	1123—1128
C_2H_6	C_6H_6	1018	C_3H_6O	$C_5H_4O_2$	1129
C_2H_6	C_6H_{12}	1019	C_3H_6O	C_5H_5N	1130
C_2H_6	C_7H_{16}	1020	C_3H_6O	C_5H_8	1131, 1132
C_2H_6	$C_{10}H_{22}$	1021	C_3H_6O	C_5H_{10}	1133, 1134
C_2H_6O	C_3H_6O	1022—1025	C_3H_6O	C_5H_{12}	1135—1137
C_2H_6O	C_3H_8O	1026—1030	C_3H_6O	C_6H_5Cl	1138, 1139
C_2H_6O	C_3H_8O	1031	C_3H_6O	C_6H_6	1140—1146
C_2H_6O	$C_4H_8O_2$	1032—1037	C_3H_6O	C_6H_{12}	1147, 1148
C_2H_6O	$C_4H_{10}O$	1038—1046	C_3H_6O	$C_6H_{12}O$	1149
C_2H_6O	$C_4H_{10}O_3$	1047	C_3H_6O	$C_6H_{12}O_2$	1150
C_2H_6O	$C_5H_{10}O$	1048, 1049	C_3H_6O	C_6H_{14}	1151—1154
C_2H_6O	C_5H_{12}	1050	C_3H_6O	C_7H_8	1155, 1156
C_2H_6O	$C_5H_{12}O$	1051—1053	C_3H_6O	C_7H_{16}	1157, 1158
C_2H_6O	C_6H_6	1054—1064	C_3H_6O	$C_8H_{20}Si$	1159
C_2H_6O	C_6H_7N	1065	C_3H_6O	C_9H_{12}	1160
C_2H_6O	C_6H_{12}	1066—1069	$C_3H_6O_2$	$C_4H_6O_3$	1161
C_2H_6O	C_6H_{14}	1070—1074	$C_3H_6O_2$	C_4H_8O	1162
C_2H_6O	$C_6H_{14}O_3$	1075	$C_3H_6O_2$	$C_4H_8O_2$	1163, 1164
C_2H_6O	$C_6H_{15}N$	1076	$C_3H_6O_2$	C_6H_6	1165
C_2H_6O	C_7H_8	1077—1081	$C_3H_6O_2$	C_6H_{12}	1166
C_2H_6O	C_7H_{14}	1082, 1083	$C_3H_6O_2$	C_6H_{18}	1167, 1168
C_2H_6O	C_7H_{16}	1084—1087	$C_3H_6Cl_2$	$C_5H_{12}O$	1169
C_2H_6O	C_8H_{10}	1088	C_3H_7NO	C_5H_8	1170
C_2H_6O	C_8H_{18}	1089	C_3H_7NO	C_5H_{10}	1171
C_2H_6O	$C_8H_{20}Si$	1090	C_3H_7NO	C_5H_{12}	1172
C_2H_6O	$C_{10}H_{22}$	1091	C_3H_7NO	C_6H_6	1173
C_2H_6SO	C_6H_6	1092	$C_3H_7NO_2$	C_6H_5Cl	1174
$C_2H_6O_2$	C_6H_6O	1093	$C_3H_7NO_2$	C_6H_6	1175, 1176
$C_2H_6O_2$	C_6H_7N	1094, 1095	$C_3H_7NO_2$	C_6H_{14}	1177, 1178
$C_2H_6O_2$	C_7H_8O	1096, 1097	C_3H_8	C_6H_8	1179, 1180
$C_2H_6O_2$	C_7H_9N	1098	C_3H_8	C_4H_{10}	1181
$C_2H_6O_2$	$C_8H_{11}N$	1099	C_3H_8	C_5H_{12}	1182, 1183
$C_2H_8N_2$	C_4H_5NS	1100	C_3H_8	C_6H_6	1184
$C_2H_8N_2$	C_6H_6	1101	C_3H_8	C_7H_8	1185
$C_2HF_5O_2$	C_6F_{14}	1102	C_3H_8O	C_3H_6O	1186
C_3H_3N	C_3H_5N	1103	C_3H_8O	$C_4H_8O_2$	1187
C_3H_3N	C_4H_5Cl	1104	C_3H_8O	$C_4H_{10}O$	1188—1190
C_3H_4O	C_3H_6O	1105	C_3H_8O	$C_5H_{10}O$	1191
C_3H_4O	C_4H_8O	1106	C_3H_8O	$C_5H_{10}O_2$	1192, 1193
$C_3H_4Cl_2$	C_3H_8O	1107	C_3H_8O	$C_5H_{12}O$	1194, 1195
$C_3H_4Cl_4$	$C_5H_8Cl_4$	1108	C_3H_8O	$C_5H_{12}O_2$	1196

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C_3H_8O	C_6H_6	1197—1205	$C_4H_8O_2$	C_7H_8	1278, 1279
C_3H_8O	C_6H_{12}	1206—1209	$C_4H_8O_2$	C_8H_{10}	1280
C_3H_8O	$C_6H_{12}O$	1210	$C_4H_8Cl_2S$	$C_{12}H_{10}O$	1281
C_3H_8O	C_6H_{14}	1211	C_4H_9Cl	C_4H_9Br	1282
C_3H_8O	$C_6H_{14}O$	1212	C_4H_9Cl	C_7H_{16}	1283
C_3H_8O	C_7H_8	1213, 1214	C_4H_9Br	$C_4H_{10}O$	1284
C_3H_8O	C_8H_8	1215	C_4H_9Br	C_7H_{16}	1285
C_3H_8O	C_8H_{10}	1216	C_4H_{10}	$C_5H_4O_2$	1286, 1287
C_3H_8O	C_8H_{16}	1217	C_4H_{10}	C_5H_{12}	1288
C_3H_8O	C_8H_{18}	1218, 1219	C_4H_{10}	C_6H_{14}	1289
$C_3H_8O_2$	$C_4H_{10}O$	1220	C_4H_{10}	C_7H_{16}	1290
$C_3H_8O_2$	$C_5H_{10}O_3$	1221	C_4H_{10}	$C_{10}H_{22}$	1291
$C_3H_8O_2$	$C_5H_{12}O_3$	1222, 1223	C_4H_{10}	$C_4H_{10}O$	1292, 1293
$C_3H_8O_2$	C_6H_6	1224, 1225	$C_4H_{10}O$	$C_4H_{12}Si$	1294
$C_3H_8O_2$	C_6H_{12}	1226	$C_4H_{10}O$	$C_5H_{12}O$	1295, 1296
$C_3H_8O_2$	C_8H_8	1227	$C_4H_{10}O$	$C_6H_5NO_2$	1297
$C_3H_8O_2$	C_8H_{10}	1228	$C_4H_{10}O$	C_6H_6	1298—1303
$C_3H_8O_2$	C_5H_{10}	1229	$C_4H_{10}O$	$C_6H_7N_3SO_6$	1304
C_3H_8S	C_6H_{12}	1230	$C_4H_{10}O$	C_6H_{12}	1305
C_3H_8S	C_6H_{14}	1231, 1232	$C_4H_{10}O$	$C_6H_{12}O_2$	1306, 1307
$C_4F_7Cl_3$	$C_5F_5Cl_2$	1233	$C_4H_{10}O$	$C_6H_{14}O_2$	1308, 1309
$C_4F_7Cl_3$	C_7H_{16}	1234	$C_4H_{10}O$	$C_6H_{15}N$	1310
$C_4F_7Cl_3$	$C_8F_{16}O$	1235	$C_4H_{10}O$	C_7H_8	1311—1313
C_4H_4	C_4H_5Cl	1236	$C_4H_{10}O$	C_7H_8O	1314
C_4H_4	C_6H_6	1237	$C_4H_{10}O$	$C_7H_{12}O_2$	1315, 1316
C_4H_4	C_7H_8	1238	$C_4H_{10}O$	C_7H_{16}	1317, 1318
C_4H_4	C_8H_{10}	1239	$C_4H_{10}O$	C_8H_{10}	1319—1325
$C_4H_4O_2$	$C_4H_6O_3$	1240	$C_4H_{10}O$	$C_8H_{10}O_2$	1326
C_4H_5Cl	C_4H_6	1241	$C_4H_{10}O$	$C_8H_{10}O_3$	1327
C_4H_5Cl	C_4H_6O	1242	$C_4H_{10}O$	C_8H_{18}	1328
C_4H_6Cl	$C_4H_6Cl_2$	1243	$C_4H_{10}O$	$C_8H_{18}O$	1329, 1331
C_4H_6	C_8H_8	1244	$C_4H_{10}O$	C_9H_{20}	1332
$C_4H_6O_3$	C_5H_5N	1245, 1246	$C_4H_{10}O$	$C_{10}H_{12}$	1333
$C_4H_6O_3$	$C_5H_5O_3$	1247	$C_4H_{10}O$	$C_{10}H_{22}O_2$	1334
$C_4H_6O_3$	C_6H_{12}	1248	$C_4H_{10}O_2$	$C_6H_{10}O_2$	1335
$C_4H_6Cl_2$	C_4H_6O	1249	$C_4H_{10}O_2$	$C_6H_{12}O_2$	1336
C_4H_8	C_4H_{10}	1250, 1251	$C_4H_{10}O_2$	$C_6H_{14}O_3$	1337
C_4H_8	$C_5H_4O_2$	1252, 1253	$C_4H_{10}O_2$	C_8H_8	1338
C_4H_8	C_5H_8	1254	$C_4H_{10}O_2$	C_8H_{10}	1339, 1340
C_4H_8O	C_4H_8O	1255, 1256	$C_4H_{10}O_2$	$C_8H_{14}O_4$	1341
C_4H_8O	$C_4H_{10}O$	1257	$C_4H_{10}O_2$	C_8H_{18}	1342
C_4H_8O	C_5H_6O	1258	$C_4H_{10}O_3$	C_7H_8	1343
C_4H_8O	C_6H_6	1259—1261	$C_4H_{10}O_3$	C_7H_8O	1344, 1345
C_4H_8O	C_6H_6O	1262	$C_4H_{10}O_3$	C_8H_{10}	1346
C_4H_8O	C_6H_{12}	1263, 1264	$C_4H_{11}N$	$C_6H_{15}N$	1347
C_4H_8O	$C_6H_{14}O_2$	1265	C_5F_{10}	C_5F_{12}	1348
C_4H_8O	C_7H_{18}	1266	C_5F_{10}	C_6F_{14}	1349
C_4H_8O	C_7H_{16}	1267	$C_5F_6Cl_2$	$C_6F_{16}O$	1350
$C_4H_8O_2$	$C_4H_{10}O$	1268, 1269	$C_5H_4O_2$	C_5H_6O	1351
$C_4H_8O_2$	$C_5H_4O_2$	1270	$C_5H_4O_2$	$C_5H_6O_2$	1352, 1353
$C_4H_8O_2$	C_6H_6	1271—1274	$C_5H_4O_2$	C_6H_6	1354
$C_4H_8O_2$	C_6H_{12}	1275—1277	$C_5H_4O_2$	C_6H_{12}	1355

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$C_5H_1O_2$	C_7H_8	1356, 1357	C_6H_6	C_7H_8	1453—1458
$C_5H_4O_2$	C_7H_{14}	1358	C_6H_6	C_7H_8O	1459—1461
$C_5H_4O_2$	C_7H_{16}	1359	C_6H_6	C_7H_{14}	1462, 1463
$C_5H_4O_2$	C_8H_{18}	1360	C_6H_6	C_7H_{16}	1464—1479
C_5H_5N	C_6H_6	1361	C_6H_6	C_8H_{10}	1480, 1481
C_5H_5N	C_6H_7N	1362, 1363	C_6H_6	C_8H_{11N}	1482
C_5H_5N	C_6H_{12}	1364	C_6H_6	C_8H_{18}	1483—1486
C_5H_5N	C_8H_{16}	1365	C_6H_6	$C_8H_{20}Si$	1487
C_5H_6	C_5H_5	1366	C_6H_6	$C_{12}H_{10}$	1488, 1489
C_5H_8	C_5H_{10}	1367—1372	C_6H_6	$C_{13}H_{12}$	1490, 1491
C_5H_8	C_5H_{12}	1373	C_6H_6	$C_{14}H_{14}$	1492
$C_5H_6Cl_4$	$C_5H_{12}Cl_4$	1374	C_6H_6O	C_6H_7N	1493, 1494
C_5H_{10}	C_5H_{10}	1375	C_6H_6O	$C_6H_{12}O$	1495
C_5H_{10}	C_5H_{12}	1376	C_6H_6O	$C_6H_{12}O_2$	1496
C_5H_{10}	$C_6F_{15}N$	1377	C_6H_6O	$C_6H_{16}N$	1497
C_5H_{10}	C_6H_6	1378	C_6H_6O	C_7H_8	1498
$C_5H_{10}O_2$	C_6H_{10}	1379, 1380	C_6H_6O	C_7H_8O	1499—1501
C_5H_{12}	C_5H_{12}	1381	C_6H_6O	C_7H_9N	1502
C_5H_{12}	$C_6F_{15}N$	1382	C_6H_6O	C_7H_{14}	1503
C_5H_{12}	C_6H_6	1383	C_6H_6O	C_8H_8O	1504, 1505
C_5H_{12}	C_6H_{12}	1384, 1385	C_6H_6O	C_8H_{18}	1506
C_5H_{12}	C_7H_{14}	1386, 1387	C_6H_6O	C_8H_{10}	1507
C_5H_{12}	C_7H_{16}	1388	C_6H_6O	C_8H_{12}	1508—1510
$C_5H_{12}O$	$C_5H_{12}O$	1389, 1390	C_6H_6O	C_9H_{20}	1511
C_6F_{14}	$C_6F_{12}O$	1391	C_6H_6O	$C_{10}H_{14}$	1512
C_6F_{14}	C_6H_{14}	1392	C_6H_7N	C_8H_{13}	1513—1517
C_6F_{14}	$C_{12}F_{27}N$	1393	C_6H_7N	$C_8H_{12}O$	1518
$C_6F_{15}N$	C_6H_6	1394	C_6H_7N	$C_8H_{13}N$	1519
$C_6F_{15}N$	C_6H_{14}	1395	C_6H_7N	C_7H_8	1520, 1521
$C_6H_3Cl_3$	C_6H_{14}	1396	C_6H_7N	C_7H_9N	1522—1524
$C_6H_3Cl_3$	$C_6H_5N_2O_2$	1397	C_6H_7N	C_7H_{14}	1525—1527
$C_6H_4Cl_2$	C_6H_6	1398	C_6H_7N	C_7H_{16}	1528—1530
$C_6H_4Cl_2$	$C_{10}H_{14}$	1399	C_6H_7N	C_8H_{10}	1531, 1532
$C_6H_6NO_2$	C_6H_6	1400, 1401	C_6H_7N	$C_8H_{11}N$	1533, 1534
$C_6H_6NO_2$	C_6H_7N	1402	C_6H_7N	C_9H_7N	1535
$C_6H_6NO_2$	C_6H_{12}	1403	C_6H_7N	$C_{10}H_{14}$	1536
C_6H_5F	C_6H_6	1404	C_6H_7N	$C_{10}H_{15}N$	1537
C_6H_5Cl	C_6H_6	1405—1407	C_6H_{10}	C_6H_{12}	1538, 1539
C_6H_5Cl	C_6H_6O	1408	$C_6H_{10}O$	$C_6H_{12}O$	1540—1542
C_6H_5Cl	C_6H_7N	1409	$C_6H_{10}O$	$C_6H_{14}O$	1543
C_6H_5Cl	C_6H_{14}	1410	$C_6H_{10}O$	C_7H_8	1544
C_6H_5Cl	C_8H_{10}	1411	$C_6H_{10}O_2$	C_7H_8O	1545, 1546
C_6H_5Cl	$C_9H_6N_2O_2$	1412	$C_6H_{10}O_1$	C_7H_8O	1547, 1548
C_6H_5Br	C_6H_6	1413, 1414	C_6H_{12}	C_6H_{12}	1549
C_6H_5Br	C_6H_{12}	1415	C_6H_{12}	$C_6H_{12}O$	1550—1552
C_6H_6	C_6H_6O	1416	C_6H_{12}	C_6H_{14}	1553—1556
C_6H_6	C_6H_7N	1417—1421	C_6H_{12}	$C_6H_{14}O$	1557
C_6H_6	C_6H_{10}	1422	C_6H_{13}	C_7H_8	1558—1563
C_6H_6	C_6H_{12}	1423—1438	C_6H_{12}	C_7H_{14}	1564
C_6H_6	$C_6H_{12}O$	1439	C_6H_{12}	C_7H_{10}	1565—1570
C_6H_6	C_6H_{14}	1440—1450	C_6H_{12}	C_8H_{18}	1571
C_6H_6	$C_6H_{14}O$	1451	C_6H_{13}	$C_{12}H_{22}$	1572
C_6H_6	C_7H_5N	1452	$C_6H_{12}O$	$C_6H_{12}N$	1573

Компонент А	Компонент Б	№№ таблиц	Компонент А	Компонент Б	№№ таблиц
$C_6H_{12}O_2$	$C_8H_{16}O_2$	1574	C_8H_{10}	C_8H_{10}	1683, 1684
$C_6H_{11}O_2$	C_8H_{10}	1575, 1576	C_8H_{10}	C_8H_{18}	1685, 1686
C_6H_{11}	C_7H_8	1577—1579	C_8H_{10}	C_9H_{20}	1687
C_6H_{14}	C_7H_{14}	1580	C_8H_{10}	$C_9H_{20}O$	1688, 1689
C_6H_{14}	C_7H_{16}	1581, 1582	$C_8H_{11}N$	$C_{10}H_{15}N$	1690
C_6H_{14}	C_8H_{18}	1583	$C_8H_{11}O_3$	$C_8H_{18}O_3$	1691
$C_6H_{14}O$	$C_8H_{18}O$	1584	C_8H_{16}	C_8H_{18}	1692
$C_6H_{14}O_2$	C_8H_{16}	1585	$C_8H_{16}O_2$	$C_{10}H_{20}O_2$	1693
$C_6H_{14}O_2$	C_8H_{16}	1586, 1587	C_8H_{18}	C_8H_{18}	1694
$C_6H_{14}O_2$	C_9H_{18}	1588	$C_9H_{22}Si_3O_2$	$C_8H_{22}Si_4O_4$	1695
$C_6H_{14}O_2$	$C_8H_{18}O_3$	1589	C_9H_7N	C_9H_7N	1696
$C_6H_{14}O_3$	C_7H_8O	1590, 1591	C_9H_7N	$C_{10}H_9N$	1697
$C_6H_{15}N$	C_6H_{12}	1592	C_9H_{10}	C_9H_{12}	1698
C_7F_{16}	$C_8F_{16}O$	1593	$C_9H_{10}O_3$	$C_{12}H_{10}O$	1699
C_7F_{16}	C_6H_{18}	1594	$C_6H_{16}O_a$	$C_{14}H_{22}O_2$	1700
C_7H_6O	$C_9H_{10}O_2$	1595	$C_{10}H_8$	$C_{11}H_{10}$	1701
$C_7H_7NO_2$	$C_7H_7NO_2$	1596—1598	$C_{10}H_8$	$C_{14}H_{30}$	1702, 1703
C_7H_7Cl	C_7H_8	1599	$C_{10}H_8$	$C_{16}H_{30}$	1704
C_7H_8	C_7H_8O	1600	$C_{10}H_8$	$C_{18}H_{38}$	1705
C_7H_8	C_7H_{14}	1601—1605	$C_{10}H_9N$	$C_{10}H_9N$	1706, 1707
C_7H_8	C_7H_{16}	1606—1613	$C_{10}H_{12}O_2$	$C_{12}H_{16}O_2$	1708
C_7H_8	C_8H_{10}	1614	$C_{10}H_{16}$	$C_{10}H_{16}$	1709—1719
C_7H_8	C_8H_{18}	1615—1623	$C_{10}H_{16}$	$C_{11}H_{18}O_2$	1720, 1721
$C_7H_8SiCl_2$	$C_8H_{11}SiCl$	1624	$C_{10}H_{16}$	$C_{12}H_{20}O_2$	1722, 1723
C_7H_8O	$C_7H_{16}O_3$	1625, 1626	$C_{10}H_{18}$	$C_{10}H_{22}$	1724—1727
C_7H_8O	$C_8H_{16}O_2$	1627, 1628	$C_{10}H_{18}O$	$C_{10}H_{20}O$	1728
C_7H_8O	$C_8H_{18}O$	1629	$C_{10}H_{20}O_2$	$C_{12}H_{24}O_2$	1729
C_7H_8O	$C_9H_{10}O_2$	1630, 1631	$C_{11}H_{10}$	$C_{11}H_{24}O$	1730—1732
C_7H_8O	$C_{10}H_{22}O_3$	1632, 1633	$C_{11}H_{10}$	$C_{12}H_{10}$	1733
C_7H_8O	$C_{11}H_{10}$	1634, 1635	$C_{11}H_{20}$	$C_{12}H_{26}$	1734
C_7H_8O	$C_{12}H_{12}$	1636, 1637	$C_{11}H_{22}O_2$	$C_{13}H_{26}O_2$	1735
C_7H_8O	$C_{12}H_{12}N_2$	1638	$C_{12}H_{10}$	$C_{18}H_{14}$	1736
C_7H_8O	$C_{13}H_{14}$	1639, 1640	$C_{12}H_{22}$	$C_{13}H_{28}$	1737
C_7H_8O	$C_{14}H_{20}O$	1641, 1642	$C_{12}H_{24}O_2$	$C_{14}H_{28}O_2$	1738—1740
C_7H_8O	$C_{15}H_{18}$	1643, 1644	$C_{12}H_{26}$	$C_{16}H_{32}$	1741
C_7H_8O	$C_{16}H_{20}$	1645, 1646	$C_{12}H_{26}$	$C_{18}H_{36}$	1742
C_7H_9N	$C_8H_{11}N$	1647	$C_{13}H_{20}$	$C_{13}H_{20}$	1743
C_7H_9N	$C_{10}H_{22}$	1648	$C_{13}H_{20}O_2$	$C_{15}H_{30}O_2$	1744—1746
$C_7H_{12}O_2$	$C_8H_{16}O_3$	1649	$C_{14}H_{10}$	$C_{14}H_{14}$	1747
$C_7H_{12}O_2$	$C_8H_{18}O$	1650	$C_{14}H_{10}$	$C_{16}H_{34}$	1748
$C_7H_{12}O_4$	$C_8H_{14}O_4$	1651	$C_{14}H_{14}$	$C_{16}H_{34}$	1749
C_7H_{14}	C_7H_{16}	1652—1659	$C_{14}H_{20}O$	$C_{16}H_{34}$	1750
C_7H_{14}	C_8H_{18}	1660—1663	$C_{14}H_{28}O_2$	$C_{16}H_{32}O_2$	1751
$C_7H_{14}O_2$	$C_9H_{18}O_2$	1664	$C_{14}H_{30}$	$C_{16}H_{32}$	1752, 1753
C_7H_{16}	C_7H_{16}	1665	$C_{15}H_{30}O_2$	$C_{17}H_{34}O_2$	1754
C_7H_{16}	C_8H_{10}	1666	$C_{16}H_{22}O_4$	$C_{17}H_{32}O_4$	1755
C_7H_{16}	C_8H_{18}	1667, 1668	$C_{16}H_{22}O_4$	$C_{18}H_{34}O_4$	1756
$C_7H_{16}S_2O_4$	C_8H_{10}	1669	$C_{17}H_{14}$	$C_{20}H_{40}O_2$	1757
C_8H_8	C_8H_{10}	1670—1676	$C_{17}H_{34}O_2$	$C_{19}H_{38}O_2$	1758
$C_8H_8O_2$	$C_9H_{18}O_2$	1677	$C_{18}H_{34}O_2$	$C_{20}H_{30}O_2$	1759
$C_8H_8O_3$	C_8H_{10}	1678, 1679	$C_{18}H_{38}$	$C_{20}H_{42}O_1$	1760
C_8H_9N	$C_8H_{11}N$	1680, 1681	$C_{19}H_{30}O_2$	$C_{19}H_{38}O_2$	1761
$C_8H_9NO_2$	$C_6H_9NO_2$	1682	$C_{24}H_{30}O_4$	$C_{20}H_{50}O_4$	1762—1765

АЛФАВИТНЫЙ УКАЗАТЕЛЬ БИНАРНЫХ СМЕСЕЙ

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Азот	N_2	Аммиак	NH_3	105
Азот	N_2	Аргон	Ar	118—120
Азот	N_2	Бензол	C_6H_6	134—136
Азот	N_2	Бутан	C_4H_{10}	132, 133
Азот	N_2	Бодорол	H_2	3—6
Азот	N_2	Гелий	He	55—58
Азот	N_2	Гептан	C_7H_{16}	127, 138
Азот	N_2	Дейтерий	D_2	51
Азот	N_2	Декал	$C_{10}H_{22}$	139
Азот	N_2	Хлористод	O_2	106—115
Азот	N_2	Метан	CH_4	124—129
Азот	N_2	Пропан	C_3H_8	131
Азот	N_2	Серы двуокись	SO_2	116, 117
Азот	N_2	Углерода двуокись	CO_2	123
Азот	N_2	Углерода окись	CO	121, 122
Азот	N_2	Этан	C_2H_6	130
Азота двуокись	NO_2	Азота окись	NO	140
Азота двуокись	NO_2	Хлор	Cl_2	141
Азота окись	NO	Азота двуокись	NO_2	140
Азота четырехокись	N_2O_4	Азотная кислота	HNO_3	31
Акролеин	C_3H_4O	Ацетон	C_3H_6O	1105
Акролеин	C_3H_4O	Зода	H_2O	181
Акролеин	C_3H_4O	Метилэтилкетон	C_4H_8O	1106
Аллил хлористый	C_3H_5Cl	Пропил изо хлористый	C_3H_7Cl	1109
Аллиловое горючее масло	C_4H_5NS	Этилендиамин	$C_2H_8N_2$	1100
Альдегид бензойный	C_7H_6O	Эфир уксуснобензиловый	$C_9H_{10}O_2$	1595
Альдегид масляный	C_4H_8O	Альдегид изомасляный	C_4H_8O	1255, 1253
Альдегид муравьиный	CH_2O	Зода	H_2O	231—234
Альдегид муравьиный	CH_2O	Спирт метиловый	CH_4O	669
Альдегид уксусный	C_2H_4O	Бензол	C_6H_6	888
Альдегид уксусный	C_2H_4O			

Альдегид уксусный	C_2H_4O	Кислота уксусная	$C_2H_4O_2$	880, 881
Альдегид уксусный	C_2H_4O	Мочег	C_2H_4	708
Альдегид уксусный	C_2H_4O	Спирт метиловый	C_2H_6O	733
Альдегид уксусный	C_2H_4O	Спирт этиловый	C_2H_6O	884
Альдегид уксусный	C_2H_4O	Толуол	C_7H_8	889
Альдегид уксусный	C_2H_4O	Углерода двуокись	CO_2	484
Альдегид уксусный	C_2H_4O	Фурафурол	$C_5H_6O_2$	887
Альдегид уксусный	C_2H_4O	Этилена окись	C_2H_4O	879
Альдегид уксусный	C_2H_4O	Эфир уксуснонитриловый	$C_4H_6O_2$	886
Алюминий хлористый	$AlCl_3$	Железо треххлористое	$FeCl_3$	68
Алюминий хлористый	$AlCl_3$	Никобий пятихлористый	$NbCl_5$	66
Алюминий хлористый	$AlCl_3$	Тантал пятихлористый	$TaCl_5$	67
Амиллен изо	C_6H_{10}	Изопрен	C_5H_8	1368—1370
Амилнафталин	$C_{15}H_{18}$	Крезол	C_7H_8O	1643, 1644
Аммиак	NH_3	Азот	N_2	105
Аммиак	NH_3	Аргон	Ar	144
Аммиак	NH_3	Ацетилен	C_2H_2	145
Аммиак	NH_3	Винил хлористый	C_2H_3Cl	146
Аммиак	NH_3	Вода	H_2O	214—217
Аммиак	NH_3	Водород фтористый	H_2F	7
Аммиак	NH_3	Гидразин	N_2H_4	45
Аммиак	NH_3	Бензол	C_6H_6	143
Аммиак	NH_3	Олово четыреххлористое	$SnCl_4$	1459
Аммиак	NH_3	Эфир бутиловый	$C_8H_{18}O$	101
Аммиак	NH_3	Эфир этиловый	$C_4H_{10}O$	1629
Аммиак	NH_3	Бензол	C_6H_6	1314
Аммиак	NH_3	Вода	H_2O	1417—1421
Аммиак	NH_3	Гептан	C_7H_{16}	439—441
Аммиак	NH_3	Гептлен	C_7H_{14}	1528—1530
Аммиак	NH_3	Диметиламин	C_2H_7N	1525
Аммиак	NH_3	Дипетиламин	$C_6H_{11}N$	1533
Аммиак	NH_3	Ксилол	$C_{10}H_{16}N$	1537
Аммиак	NH_3	Метиламин	C_2H_7N	1531, 1532
Аммиак	NH_3	Метилхлорид	C_2H_5N	1522
Аммиак	NH_3	Нитробензол	$C_6H_5NO_2$	1402
Аммиак	NH_3	Пирридин	C_5H_5N	1362
Аммиак	NH_3	Спирт этиловый	C_2H_5O	1065

Компонент А		Компонент В		№ № таблиц
Наименование	Формула	Наименование	Формула	
Амелик	C_6H_7N	Спирт циклогексилвый	$C_6H_{12}O$	1518
Амелик	C_6H_7N	Толуол	C_7H_8	1520, 1521
Амелик	C_6H_7N	Хинолиэ	C_9H_7N	1535
Амелик	C_6H_7N	Хлорбензол	C_6H_5Cl	1409
Амелик	C_6H_7N	Циклогексан	C_6H_{12}	1513—1517
Амелик	C_6H_7N	Циклогексиламин	$C_6H_{13}N$	1519
Амелик	C_6H_7N	Цимол	$C_{10}H_{14}$	1536
Амелик	C_6H_7N	Этиланилин	$C_8H_{11}N$	1534
Амелик	C_6H_7N	Этиленгликоль	$C_2H_6O_2$	1094
Амелик	C_6H_7N	Азот	N_2	118—120
Аргон	Ar	Аммиак	NH_3	144
Аргон	Ar	Кислород	O_2	158—164
Аргон	Ar	Криптоэ	Kr	186
Аргон	Ar	Перфторэнтан	C_8F_{12}	188
Аргон	Ar	Пропилен	C_3H_6	187
Аргон	Ar	Метилнафталин	$C_{11}H_{10}$	1733
Аценафтен	$C_{12}H_{10}$	Спирт бутиловый	$C_4H_{10}O$	1334
Ацетальдегид	C_2H_4O	Аммиак	NH_3	145
Ацетилэ	C_2H_2	Пропан	C_3H_8	833
Ацетилэ	C_2H_2	Пропилен	C_3H_6	832
Ацетилэ	C_2H_2	Этилен	C_2H_4	830, 831
Ацетилэ	C_2H_2	Вода	H_2O	383, 384
Ацетилметилкарбиол	$C_4H_8O_2$	Акролеин	C_3H_4O	1105
Ацетон	C_3H_6O	Бензол	C_6H_6	1140—1146
Ацетон	C_3H_6O	Вода	H_2O	318—329
Ацетон	C_3H_6O	Гексан	C_6H_{14}	1151—1154
Ацетон	C_3H_6O	Гексилэ	C_8H_{18}	1148
Ацетон	C_3H_6O	Гептан	C_9H_{20}	1157, 1158
Ацетон	C_3H_6O	Дейтерохлороформ	$CDCl_3$	666
Ацетон	C_3H_6O	Дихлорэтан	$C_2H_4Cl_2$	966
Ацетон	C_3H_6O	Дихлорэтилэ	$C_2H_2Cl_2$	837, 838

Ацетон	C_3H_6O	Изопрен	C_5H_8	1101
Ацетон	C_3H_6O	Кислота уксусная	$C_2H_4O_2$	893, 894
Ацетон	C_3H_6O	Кислоты уксусной ангидрид	$C_4H_6O_3$	1124
Ацетон	C_3H_6O	Кислоты уксусной пикрат	C_2H_4N	855, 856
Ацетон	C_3H_6O	Кумол	C_9H_{12}	1160
Ацетон	C_3H_6O	Метилэнобутилкетон	$C_6H_{12}O$	1149
Ацетон	C_3H_6O	Метилэтилкетон	C_4H_8O	1122
Ацетон	C_3H_6O	Метилэтилэтилен	C_5H_{10}	1134
Ацетон	C_3H_6O	Нитрометан	CH_3NO_2	892
Ацетон	C_3H_6O	Пентан	C_5H_{12}	1135, 1136
Ацетон	C_3H_6O	Пентан изо	C_5H_{12}	1137
Ацетон	C_3H_6O	Пиперидин	C_5H_{10}	1132
Ацетон	C_3H_6O	Пиперидин	$C_5H_{10}N$	1130
Ацетон	C_3H_6O	Сероуглерод	CS_2	508—512
Ацетон	C_3H_6O	Спирт бутиловый	$C_4H_{10}O$	1123—1125
Ацетон	C_3H_6O	Спирт метиловый	CH_4O	742—751
Ацетон	C_3H_6O	Спирт пропиловый изо	C_3H_8O	1117, 1118
Ацетон	C_3H_6O	Спирт этиловый	C_2H_6O	1022—1025
Ацетон	C_3H_6O	Тетраэтилсилан	$C_8H_{20}Si$	1159
Ацетон	C_3H_6O	Толуол	C_7H_8	1155, 1156
Ацетон	C_3H_6O	Триметилэтилен	C_5H_{10}	1133
Ацетон	C_3H_6O	Трихлорэтан	$C_2H_3Cl_3$	867
Ацетон	C_3H_6O	Трихлорэтилен	C_2HCl_3	819
Ацетон	C_3H_6O	Углерод четыреххлористый	CCl_4	556—558
Ацетон	C_3H_6O	Фурфурол	$C_5H_4O_2$	1159
Ацетон	C_3H_6O	Хлорбензол	C_6H_5Cl	1138, 1139
Ацетон	C_3H_6O	Хлороформ	$CHCl_3$	632—644
Ацетон	C_3H_6O	Циклогексан	C_6H_{12}	1147
Ацетон	C_3H_6O	Эфир уксуснобутиловый	$C_6H_{12}O_2$	1150
Ацетон	C_3H_6O	Эфир уксусовиниловый	$C_4H_6O_2$	1120
Ацетон	C_3H_6O	Эфир этиловый	$C_4H_{10}O$	1126, 1127
Ацетон	C_3H_6O	Крезол	C_7H_8O	1545, 1546
Ацетон	C_3H_6O	Фенол	C_6H_5O	1504, 1505
Ацетон	C_3H_6O	Крезол	C_7H_8O	1638
Ацетон	C_3H_6O	Толуол	C_7H_8	1599
Ацетон	C_3H_6O	Эфир стеариновозильный	$C_{20}H_{40}O_2$	1757
Ацетон	C_3H_6O	Азот	N_2	134—136
Ацетон	C_3H_6O	Альдегид уксусный	C_2H_4O	888

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Бензол	C_6H_6	Анизол	C_6H_5O	1459
Бензол	C_6H_6	Ацилин	C_6H_7N	1447—1421
Бензол	C_6H_6	Ацетон	C_6H_8O	1440—1446
Бензол	C_6H_6	Бромбензол	C_6H_5Br	1443, 1444
Бензол	C_6H_6	Винилацетилен	C_4H_4	1237
Бензол	C_6H_6	Водород	H_2	24
Бензол	C_6H_6	Гексан	C_6H_{14}	1440—1450
Бензол	C_6H_6	Гептан	C_7H_{16}	1464—1473
Бензол	C_6H_6	Диметиланилин	$C_8H_{11}N$	1482
Бензол	C_6H_6	Диметилпентан	C_7H_{16}	1474—1477
Бензол	C_6H_6	Диметилсульфоксид	C_2H_6SO	1092
Бензол	C_6H_6	Диметилформамид	C_3H_7NO	1173
Бензол	C_6H_6	Диметоксиметан	$C_2H_6O_2$	1225
Бензол	C_6H_6	Диоксан	$C_8H_8O_2$	1271, 1272
Бензол	C_6H_6	Дифенил	$C_{12}H_{10}$	1488, 1489
Бензол	C_6H_6	Дифенилметан	$C_{12}H_{12}$	1490, 1491
Бензол	C_6H_6	Дифенилэтан	$C_{14}H_{14}$	1492
Бензол	C_6H_6	Дихлорбензол	$C_6H_4Cl_2$	1398
Бензол	C_6H_6	Дихлорэтан	$C_2H_4Cl_2$	972—980
Бензол	C_6H_6	Кислоты бензойной нитрил	C_7H_5N	1452
Бензол	C_6H_6	Кислота муравьиная	CN_2O_2	879
Бензол	C_6H_6	Кислота уксусная	$C_2H_4O_2$	923—929
Бензол	C_6H_6	Кислоты уксусной нитрил	C_3H_3N	864
Бензол	C_6H_6	Крезол	C_6H_7O	1461
Бензол	C_6H_6	Ксилол	C_8H_{10}	1480
Бензол	C_6H_6	Метан	CH_4	724
Бензол	C_6H_6	Метил йодистый	CH_3I	705
Бензол	C_6H_6	Метилизобутилкарбинил	$C_{11}H_{14}O$	1451
Бензол	C_6H_6	Метилизобутилкетон	$C_8H_{12}O$	1439
Бензол	C_6H_6	Метилцеллозольз	$C_3H_8O_2$	1224
Бензол	C_6H_6	Метилпицлогексан	C_7H_{14}	1462, 1463

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Бензол	C_6H_6	Циклопентан	C_5H_{10}	1378
Бензол	C_6H_6	Этан	C_2H_6	1018
Бензол	C_6H_6	Этил бромистый	C_2H_5Br	1007
Бензол	C_6H_6	Этил бензол	C_8H_{10}	1481
Бензол	C_6H_6	Эплен	C_4H_4	877
Бензол	C_6H_6	Эплендиамин	$C_4H_8N_2$	1401
Бензол	C_6H_6	Эпленхлоридрин	C_4H_8OCl	1000
Бензол	C_6H_6	Эфир уксуснометиловый	$C_4H_8O_2$	1165
Бензол	C_6H_6	Эфир уксусноэтиловый	$C_6H_{10}O_2$	1273, 1274
Бериллий хлористый	$BeCl_2$	Калий хлористый	KCl	61
Бериллий хлористый	$BeCl_2$	Натрий хлористый	NaCl	60
Бор трехфтористый	BF_3	Центан	C_4H_{12}	64
Бром	Br_2	Бром трехфтористый	BBr_3	178
Бром	Br_2	Вода	H_2O	226, 227
Бром	Br_2	Дифтордихлорэтан	$C_2H_2F_2Cl_2$	183
Бром	Br_2	Дифтортетрахлорэтан	$C_2F_4Cl_4$	180
Бром	Br_2	Дифтортрихлорэтан	$C_2H_2F_3Cl$	182
Бром	Br_2	Пентафтортрихлорпропан	$C_3F_5Cl_3$	184
Бром	Br_2	Трифторэтилен	C_2F_4	185
Бром	Br_2	Трифторэтан	C_2F_5	181
Бром	Br_2	Углерод четыреххлористый	CCl_4	179
Бром пentaфтористый	BrF_5	Уран шестифтористый	UF_6	177
Бромбензол	C_6H_5Br	Бром	Br_2	178
Бромбензол	C_6H_5Br	Бензол	C_6H_6	1413, 1414
Бромбензол	C_6H_5Br	Циклогексан	C_6H_{12}	1415
Бромбензол	C_6H_5Br	Спирт метиловый	CH_3O	667
Бромбензол	C_6H_5Br	Спирт этиловый	C_2H_5O	668
Бромбензол	C_6H_5Br	Спирт пропиловый	C_3H_7O	1244
Бромбензол	C_6H_5Br	Хлоропропан	C_3H_7Cl	1241
Бромбензол	C_6H_5Br	Азот	N_2	132, 133
Бромбензол	C_6H_5Br	Бутан	C_4H_{10}	1250, 1251

Бутан	C_4H_{10}	Вода	H_2O	389—394
Бутан	C_4H_{10}	Водород	H_2	24, 22
Бутан	C_4H_{10}	Водород хлористый	HCl	53
Бутан	C_4H_{10}	Гексан	C_6H_{14}	1289
Бутан	C_4H_{10}	Гептан	C_7H_{16}	1290
Бутан	C_4H_{10}	Декан	$C_{10}H_{22}$	1294
Бутан	C_4H_{10}	Кислота уксусная	$C_2H_4O_2$	944
Бутан	C_4H_{10}	Метан	CH_4	715—719
Бутан	C_4H_{10}	Пентан	C_5H_{12}	1288
Бутан	C_4H_{10}	Пропан	C_3H_8	1181
Бутан	C_4H_{10}	Углерода двуокись	CO_2	492—494
Бутан	C_4H_{10}	Фурфурол	$C_5H_4O_2$	1286
Бутан	C_4H_{10}	Этан	C_2H_6	1016
Бутан	C_4H_{10}	Этил хлористый	C_2H_5Cl	995
Бутан	C_4H_{10}	Этилен	C_2H_4	876
Бутан	C_4H_{10}	Водород	H_2	23
Бутан	C_4H_{10}	Метан	CH_4	719
Бутан	C_4H_{10}	Пропилен	C_3H_6	1116
Бутан	C_4H_{10}	Фурфурол	$C_5H_4O_2$	1287
Бутан	C_4H_{10}	Гептан	C_7H_{16}	1282
Бутан	C_4H_{10}	Бутил хлористый	C_4H_9Cl	1285
Бутан	C_4H_{10}	Спирт бутиловый	$C_4H_{10}O$	1284
Бутан	C_4H_{10}	Бутил бромистый	C_4H_9Br	1282
Бутан	C_4H_{10}	Гептан	C_7H_{16}	1283
Бутан	C_4H_{10}	Сероуглерод	CS_2	515, 516
Бутан	C_4H_{10}	Вода	H_2O	413
Бутан	C_4H_{10}	Фенол	C_6H_6O	4512
Бутан	C_4H_{10}	Эфир этиловый	$C_4H_{10}O$	1294
Бутан	C_4H_{10}	Вода	H_2O	454, 455
Бутан	C_4H_{10}	Метилацетон	C_4H_8O	1265
Бутан	C_4H_{10}	Октан	C_8H_{18}	1588
Бутан	C_4H_{10}	Этилцетилэксан	C_8H_{18}	1586
Бутан	C_4H_{10}	Кислота уксусная	$C_2H_4O_2$	951
Бутан	C_4H_{10}	Бутан	C_4H_{10}	1250, 1251
Бутан	C_4H_{10}	Вода	H_2O	364
Бутан	C_4H_{10}	Пропилен	C_3H_6	1115
Бутан	C_4H_{10}	Фурфурол	$C_5H_4O_2$	1252, 1253
Бутан	C_4H_{10}	Изопрен	C_5H_8	1254

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Бутилен изо	C_4H_8	Пропан	C_3H_8	1179, 1180
Бутиленгликоль	$C_4H_{10}O_2$	Бутиленгликольдиацетат	$C_4H_{14}O_4$	1341
Бутиленгликоль	$C_4H_{10}O_2$	Вода	H_2O	408—410
Бутиленгликоль	$C_4H_{10}O_2$	Метилвинилкарбинолацетат	$C_6H_{10}O_2$	1335
Бутиленгликольдиацетат	$C_8H_{14}O_4$	Бутиленгликоль	$C_4H_{10}O_2$	1341
Бутиленгликольдиацетат	$C_8H_{14}O_4$	Кислота уксусная	$C_2H_4O_3$	953
Ванадия хлорид	$VOCl_3$	Тетан четыреххлористый	$TiCl_4$	83
Ванадия хлористый	$VOCl_3$	Фосфора хлорид	$POCl_3$	150
Винил хлористый	C_2H_3Cl	Аммиак	NH_3	146
Винилацетилен	C_4H_4	Бензол	C_6H_6	1237
Винилацетилен	C_4H_4	Кадмол	CdH_{10}	1239
Винилацетилен	C_4H_4	Толуол	C_6H_8	1238
Винилацетилен	C_4H_4	Хлоропрен	C_4H_5Cl	1236
Винилтолуол	C_8H_{10}	Этилтолуол	C_8H_{12}	1698
Винилтрихлорэтилен	$C_2H_3Cl_3$	Метилвинилдихлорсилан	$C_2H_5Cl_2Si$	968
Вода	H_2O	Акролен	C_3H_4O	317
Вода	H_2O	Альдегид муральный	CH_2O	231—234
Вода	H_2O	Альдегид уксусный	C_2H_4O	269—271
Вода	H_2O	Аммиак	NH_3	214—217
Вода	H_2O	Анлин	C_6H_7N	439—441
Вода	H_2O	Ацетилметилкарбинол	$C_6H_8O_3$	383, 384
Вода	H_2O	Ацетон	C_3H_6O	318—329
Вода	H_2O	Бром	Br_2	226, 227
Вода	H_2O	Бутан	C_4H_{10}	389—391
Вода	H_2O	Бутиламин изо	$C_4H_{11}N$	443
Вода	H_2O	Бутилцеллозоль	$C_4H_{14}O_2$	454, 455
Вода	H_2O	Бутилен	C_4H_8	364
Вода	H_2O	Бутиленгликоль	$C_4H_{10}O_2$	408—410
Вода	H_2O	Водород бромистый	HBr	243
Вода	H_2O	Водород фтористый	HF	203—205
Вода	H_2O	Водород хлористый	HCl	206—212

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Вода	H_2O	Серы двуокись	SO_2	224
Вода	H_2O	Серы трехокись	SO_3	225
Вода	H_2O	Сероводород	H_2S	302
Вода	H_2O	Спирт аллиловый	C_3H_6O	331—333
Вода	H_2O	Спирт бутиловый	$C_4H_{10}O$	392—398
Вода	H_2O	Спирт бутиловый изо	$C_4H_{10}O$	399—401
Вода	H_2O	Спирт бутиловый вторичный	$C_4H_{10}O$	402—404
Вода	H_2O	Спирт бутиловый третичный	$C_4H_{10}O$	405
Вода	H_2O	Спирт диэтиловый	$C_4H_{10}O$	451
Вода	H_2O	Спирт метиловый	CH_3O	247—264
Вода	H_2O	Спирт пропиловый	C_3H_8O	346—351
Вода	H_2O	Спирт пропиловый изо	C_3H_8O	352—357
Вода	H_2O	Спирт циклогексильный	$C_6H_{12}O$	450
Вода	H_2O	Спирт эиловый	$C_8H_{18}O$	296—310
Вода	H_2O	Тиазол	C_2H_4NS	316
Вода	H_2O	Триэтиламин	$C_6H_{15}N$	457, 458
Вода	H_2O	Триэтилентгиколь	$C_6H_{14}O_4$	456
Вода	H_2O	Углерода двуокись	CO_2	229
Вода	H_2O	Фенилгидразин	$C_6H_8N_2$	447
Вода	H_2O	Фенол	C_6H_6O	433—438
Вода	H_2O	Фурифурил	$C_4H_4O_2$	414—418
Вода	H_2O	Целлозольв	$C_4H_{10}O_2$	406, 407
Вода	H_2O	Циклогексанон	$C_6H_{10}O$	448
Вода	H_2O	Циклопентанон	C_5H_8O	427
Вода	H_2O	Этилен	C_2H_4	268
Вода	H_2O	Этилена окись	C_2H_4O	272—274
Вода	H_2O	Этилентгиколь	$C_4H_8O_3$	311—314
Вода	H_2O	Этиленхлоргидрин	C_2H_4OCl	295
Вода	H_2O	Эфир уксуснобутиловый	$C_4H_{12}O_2$	452
Вода	H_2O	Эфир уксуснометиловый	$C_3H_6O_2$	334, 335
Вода	H_2O	Эфир уксуснопропиловый	$C_4H_{10}O_2$	428
Вода	H_2O	Эфир уксусноэтиловый	$C_4H_8O_2$	335—338

Водород	H_2	Азот	N_2	3—6
Водород	H_2	Аммиак	NH_3	7
Водород	H_2	Бензол	C_6H_6	24
Водород	H_2	Бутан	C_4H_{10}	21, 22
Водород	H_2	Бутан изо	C_4H_{10}	25
Водород	H_2	Гептан	C_7H_{16}	27
Водород	H_2	Дейтерий	D_2	1, 2
Водород	H_2	Додекан изо	$C_{12}H_{26}$	9—11
Водород	H_2	Метан	CH_4	25
Водород	H_2	Метилциклоексан	C_7H_{14}	18—20
Водород	H_2	Пропан	C_3H_8	17
Водород	H_2	Проплен	C_3H_6	12
Водород	H_2	Спирт метиловый	CH_4O	28, 29
Водород	H_2	Триметилпентан	C_8H_{18}	3
Водород	H_2	Углевода окись	CO	25
Водород	H_2	Циклогексан	C_6H_{12}	15, 16
Водород	H_2	Этан	C_2H_6	13, 14
Водород	H_2	Этилен	C_2H_4	213
Водород	H_2	Вода	H_2O	189—191
Водород	H_2	Вода	H_2O	45
Водород	H_2	Аммиак	NH_3	203—205
Водород	H_2	Вода	H_2O	46
Водорода бромистый	HBr	Сурьма пятифтористая	SbF_5	47
Водорода перекись	H_2O_2	Уран шестифтористый	UF_6	43
Водород фтористый	HF	Хлор трехфтористый	ClF_3	50
Водород фтористый	HF	Бутан	C_4H_{10}	49
Водород фтористый	HF	Вода	H_2O	230
Водород хлористый	HCl	Этан	C_2H_6	531
Водород хлористый	HCl	Вода	H_2O	175
Водород хлористый	HCl	Циан хлористый	$CNCl$	174
Водород цианистый	HCN	Перфторпентан	C_5F_{12}	1749
Водород цианистый	HCN	Перфторциклопентан	C_5F_{10}	1743
Вольфрам шестифтористый	WF_6	Дибензил	$C_{14}H_{14}$	1748
Вольфрам шестифтористый	WF_6	Фенатрен	$C_{14}H_{10}$	1750
Гексадекан	$C_{16}H_{34}$	Эфир бензойногептиловый	$C_{14}H_{20}O$	1741
Гексадекан	$C_{16}H_{34}$	Додекан	$C_{12}H_{26}$	1704
Гексадецен	$C_{16}H_{32}$	Нафталин	$C_{10}H_8$	1752, 1753
Гексадецен	$C_{16}H_{32}$	Тетрадекан	$C_{14}H_{30}$	

Компонент А		Компонент В		ММ таблиц
Наименование	Формула	Наименование	Формула	
Гексаметиленмин	$C_6H_{12}N$	Вода	H_2O	453
Гексан	C_6H_{14}	Ацетон	C_3H_6O	1151—1154
Гексан	C_6H_{14}	Бензол	C_6H_6	1440—1450
Гексан	C_6H_{14}	Бутан	C_4H_{10}	1289
Гексан	C_6H_{14}	Гептан	C_7H_{16}	1581, 1582
Гексан	C_6H_{14}	Метан	CH_4	725
Гексан	C_6H_{14}	Метилциклогексан	C_7H_{14}	1580
Гексан	C_6H_{14}	Метилциклопентан	C_6H_{12}	1555, 1556
Гексан	C_6H_{14}	Нитропропан	$C_3H_7NO_2$	1177, 1178
Гексан	C_6H_{14}	Октан	C_8H_{18}	1583
Гексан	C_6H_{14}	Пентан	C_5H_{12}	1386
Гексан	C_6H_{14}	Перфторгексан	C_6F_{14}	1392
Гексан	C_6H_{14}	Перфторэтиламин	C_2H_5NF	1395
Гексан	C_6H_{14}	Пропантиол	C_3H_7S	1231
Гексан	C_6H_{14}	Спирт метиловый	CH_3O	803, 804
Гексан	C_6H_{14}	Спирт пропиловый	C_3H_7O	1241
Гексан	C_6H_{14}	Спирт этиловый	C_2H_5O	1070—1074
Гексан	C_6H_{14}	Толуол	C_7H_8	1577—1579
Гексан	C_6H_{14}	Трихлорбензол	$C_6H_3Cl_3$	1396
Гексан	C_6H_{14}	Хлорбензол	C_6H_5Cl	1410
Гексан	C_6H_{14}	Хлороформ	$CHCl_3$	661
Гексан	C_6H_{14}	Циклогексан	C_6H_{12}	1553, 1554
Гексан	C_6H_{14}	Эфир муравьинометиловый	$C_2H_4O_2$	934
Гексафтордихлорциклопентен	$C_5F_6Cl_2$	Гептафтортрихлорбутан	$C_4F_7Cl_3$	1233
Гексафтордихлорциклопентен	$C_5F_6Cl_2$	Перфторциклоктан окись	$C_8F_{16}O$	1350
Гексафторпропилен	C_3F_6	Дифтордихлорметан	CF_2Cl_2	529
Гексафторпропилен	C_3F_6	Дифторхлорметан	CHF_2Cl	608
Гексилен	C_6H_{12}	Ацетон	C_3H_6O	1148
Гексилентглицоль	$C_6H_{14}O_2$	Этилбензол	C_8H_{10}	1385
Гексилентглицоль	$C_6H_{14}O_2$	Этилциклогексан	C_8H_{16}	1587
Гелий	He	Азот	N_2	55—58

Гелий ³	Гелий ⁴	Не ⁴	
Гелий	Метан	CH ₄	52—54
Гептан	Азот	N ₂	59
Гептан	Амидин	C ₂ H ₇ N	137, 138
Гептан	Алетон	C ₃ H ₆ O	1523—1530
Гептан	Бензол	C ₆ H ₆	1157, 1158
Гептан	Бутил бромистый	C ₄ H ₉ Br	1464—1473
Гептан	Бутил хлористый	C ₄ H ₉ Cl	1285
Гептан	Бутан	C ₄ H ₁₀	1283
Гептан	Водород	H ₂	1290
Гептан	Гексан	C ₆ H ₁₄	27
Гептан	Гептилен	C ₇ H ₁₄	1581, 1582
Гептан	Дихлорэтан	C ₂ H ₄ Cl ₂	1652
Гептан	Метилциклоексан	C ₇ H ₁₄	986
Гептан	Метилэтилкетон	C ₄ H ₈ O	1653—1659
Гептан	Октан	C ₈ H ₁₈	1267
Гептан	Октан изо	C ₈ H ₁₈	1667
Гептан	Пентан	C ₅ H ₁₂	1668
Гептан	Спирт бутиловый	C ₄ H ₁₀ O	1388
Гептан	Спирт метиловый	CH ₄ O	1317, 1313
Гептан	Спирт этиловый	C ₂ H ₆ O	810
Гептан	Толуол	C ₇ H ₈	1084—1087
Гептан	Трихлорэтан	C ₂ H ₃ Cl ₃	1606—1613
Гептан	Углерод четыреххлористый	CCl ₄	1234
Гептан	Фурфурол	C ₅ H ₄ O ₂	829
Гептан	Циклоексан	C ₆ H ₁₂	603
Гептан	Этан	C ₂ H ₆	1359
Гептан	Этил бромистый	C ₂ H ₅ Br	1565—1569
Гептан	Этил йодистый	C ₂ H ₅ I	1020
Гептан	Этилбензол	C ₈ H ₁₀	1008
Гептан	Этилен	C ₂ H ₄	1012
Гептан	Анилин	C ₆ H ₇ N	1666
Гептан	Гептан	C ₇ H ₁₆	878
Гептан	Мышьяк треххлористый	AsCl ₃	1525
Гептан	Аммиак	NH ₃	1652
Гептан	Вода	H ₂ O	93
Гептан	Диметилгидразин	C ₂ H ₈ N ₂	143
Гептан			218—222
Гептан			147, 148

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Гипразинидрат	$N_2H_4H_2O$	Вода	H_2O	223
Гипроксиметилбутанон	$C_5H_{10}O_2$	Вода	H_2O	429
Глицерин	$C_3H_8O_3$	Вода	H_2O	359, 360
Дейтерий	D_2	Азот	N_2	51
Дейтерий	D_2	Водород	H_2	1, 2
Дейтерохлороформ	$CDCl_3$	Ацетон	C_3H_6O	666
Декалин	$C_{10}H_{18}$	Декал	$C_{10}H_{22}$	1724—1727
Декал	$C_{10}H_{22}$	Азот	N_2	139
Декал	$C_{10}H_{22}$	Бутан	C_4H_{10}	1291
Декал	$C_{10}H_{22}$	Декалин	$C_{10}H_{18}$	1724—1727
Декал	$C_{10}H_{22}$	Кислота уксусная	$C_2H_4O_2$	960
Декал	$C_{10}H_{22}$	Лупидин	C_8H_9N	1648
Декал	$C_{10}H_{22}$	Метан	CH_4	728
Декал	$C_{10}H_{22}$	Сероводород	H_2S	44
Декал	$C_{10}H_{22}$	Спирт метиловый	CH_3O	814
Декал	$C_{10}H_{22}$	Спирт этиловый	C_2H_5O	1094
Декал	$C_{10}H_{22}$	Углерода двуокись	CO_2	499
Декал	$C_{10}H_{22}$	Углерода окись	CO	467, 468
Декал	$C_{10}H_{22}$	Этан	C_2H_6	1021
Декал	$C_{10}H_{22}$	Кислота уксусная	$C_2H_4O_2$	902
Декал	$C_{10}H_{22}$	Гексадекан	$C_{16}H_{34}$	1749
Декал	$C_{10}H_{22}$	Фенантрин	$C_{14}H_{10}$	1747
Декал	$C_{10}H_{22}$	Эфир этиловый	$C_4H_{10}O$	65
Декал	$C_{10}H_{22}$	Дибромэтан	$C_2H_4Br_2$	989
Декал	$C_{10}H_{22}$	Дибромпропан	$C_3H_6Br_2$	989
Декал	$C_{10}H_{22}$	Кадол	C_9H_{10}	992, 993
Декал	$C_{10}H_{22}$	Пгтропропан	$C_3H_7NO_2$	990
Декал	$C_{10}H_{22}$	Хлорбензол	C_6H_5Cl	991
Декал	$C_{10}H_{22}$	Кислота уксусная	$C_2H_4O_2$	958
Декал	$C_{10}H_{22}$	Крезол	C_7H_8O	1645, 1646
Декал	$C_{10}H_{22}$	Кислота уксусная	$C_2H_4O_2$	900

Циклотол	$C_4H_4O_2$	Кислота уксусной ангидрид	$C_4H_4O_2$	1240
Диметиламин	C_2H_7N	Метиламин	CH_5NO_2	342
Диметиланилин	$C_8H_{11}N$	Анилин	C_6H_7N	1533
Диметиламин	$C_8H_{11}N$	Бензол	C_6H_6	1482
Диметиламин	$C_8H_{11}N$	Кислота уксусная	$C_2H_4O_2$	950
Диметиламин	$C_8H_{11}N$	Метиламин	C_7H_9N	1647
Диметиламин	$C_8H_{11}N$	Этилендиоксид	$C_2H_6O_2$	1099
Диметилгидразин	$C_2H_6N_2$	Гидразин	N_2H_4	147, 148
Диметилдихлорсилан	$C_2H_6N_2SiCl_2$	Метилтрихлорсилан	CH_3SiCl_3	684, 685
Диметилпентаг	C_7H_{16}	Бензол	C_6H_6	1474—1477
Диметилпентаг	C_7H_{16}	Триметилбутан	C_7H_{16}	1665
Диметилсульфоксид	C_2H_6SO	Бензол	C_6H_6	1092
Диметилсульфолан	$C_7H_{16}S_2O_4$	Бензол	C_6H_6	1669
Диметилфенилхлорсилан	$C_8H_{11}SiCl_2$	Кислот	C_8H_{10}	1624
Диметилформамид	C_3H_7NO	Метилфенилхлорсилан	$C_7H_8SiCl_2$	1473
Диметилформамид	C_3H_7NO	Бензол	C_6H_6	343, 344
Диметилформамид	C_3H_7NO	Вода	H_2O	1470
Диметилформамид	C_3H_7NO	Изопроп	C_3H_8	677
Диметилформамид	C_3H_7NO	Кислота муравьиная	CH_2O_2	1472
Диметилформамид	C_3H_7NO	Пентан изо	C_5H_{12}	755, 756
Диметилформамид	C_3H_7NO	Спирт метиловый	CH_4O	1471
Диметилформамид	C_3H_7NO	Триметиламин	C_3H_{10}	1225
Диметилформамид	C_3H_7NO	Бензол	C_6H_6	647
Диметоксиметан	$C_3H_8O_2$	Хлороформ	$CHCl_3$	1220
Диметоксиметан	$C_3H_8O_2$	Эфир этиловый	$C_4H_{10}O$	1271, 1272
Диметоксиметан	$C_3H_8O_2$	Бензол	C_6H_6	377—382
Диоксан	$C_4H_8O_2$	Вода	H_2O	969
Диоксан	$C_4H_8O_2$	Дихлорэтан	$C_2H_4Cl_2$	913
Диоксан	$C_4H_8O_2$	Кислота уксусная	$C_2H_4O_2$	1269
Диоксан	$C_4H_8O_2$	Спирт бутиловый	$C_4H_{10}O$	769
Диоксан	$C_4H_8O_2$	Спирт метиловый	CH_4O	1187
Диоксан	$C_4H_8O_2$	Спирт пропиловый, изо	C_3H_8O	1036, 1037
Диоксан	$C_4H_8O_2$	Спирт этиловый	C_2H_6O	1278
Диоксан	$C_4H_8O_2$	Толуол	C_7H_8	1275, 1276
Диоксан	$C_4H_8O_2$	Циклогексан	C_6H_{12}	1488, 1489
Дифенил	$C_{12}H_{10}$	Бензол	C_6H_6	1736
Дифенил	$C_{12}H_{10}$	Дифенилбензол	$C_{18}H_{14}$	1736
Дифенилбензол	$C_{14}H_{14}$	Дифенил	$C_{12}H_{10}$	1736
Дифенилметан	$C_{14}H_{12}$	Бензол	C_6H_6	1490, 1491

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Дифенилоксид	$C_{12}H_{10}O$	Эфир салицилглицеиловый	$C_9H_{10}O_3$	1699
Дифенилэтан	$C_{12}H_{14}$	Бензол	C_6H_6	1492
Дифтордихлорметан	CF_2Cl_2	Вода	H_2O	228
Дифтордихлорметан	CF_2Cl_2	Гексафторприспилен	C_3F_6	529
Дифтордихлорметан	CF_2Cl_2	Дифторхлорметан	CHF_2Cl	528
Дифтордихлорметан	CF_2Cl_2	Октафторциклобутан	C_4F_8	530
Дифтордихлорметан	CF_2Cl_2	Углерода двуокись	CO_2	480
Дифтордихлорэтан	$C_2H_2F_2Cl_2$	Бром	Br_2	183
Дифторметан	CH_2F_2	Отороформ	CHF_3	610
Дифтортетрахлорэтан	$C_2F_4Cl_4$	Бром	Br_2	180
Дифтортрихлорэтан	$C_2HF_2Cl_3$	Бром	Br_2	182
Дифторхлорметан	CHF_2Cl	Гексафторпропилен	C_3F_6	608
Дифторхлорметан	CHF_2Cl	Дифтордихлорметан	CF_2Cl_2	528
Дифторхлорметан	CHF_2Cl	Октафторциклобутан	C_4F_8	609
Дихлорбензол	$C_6H_4Cl_2$	Бензол	C_6H_6	1398
Дихлорбензол	$C_6H_4Cl_2$	Диптилбензол	$C_{10}H_{14}$	1399
Дихлорбутен	$C_4H_6Cl_2$	Метилвинилкетон	C_4H_6O	1249
Дихлорбутен	$C_4H_6Cl_2$	Хлорбутadiен	C_4H_5Cl	1243
Дихлорметан	CH_2Cl_2	Хлороформ	$CHCl_3$	613
Дихлорпропилен	$C_3H_4Cl_2$	Спирт пропиловый изо	C_3H_8O	1107
Дихлорэтан	$C_2H_4Cl_2$	Ацетон	C_3H_6O	966
Дихлорэтан	$C_2H_4Cl_2$	Бензол	C_6H_6	972—980
Дихлорэтан	$C_2H_4Cl_2$	Вода	H_2O	293
Дихлорэтан	$C_2H_4Cl_2$	Гептан	C_7H_{16}	986
Дихлорэтан	$C_2H_4Cl_2$	Диоксан	$C_8H_{10}O_2$	969
Дихлорэтан 4,1	$C_2H_4Cl_2$	Дихлорэтан 1,2	$C_2H_4Cl_2$	961
Дихлорэтан	$C_2H_4Cl_2$	Перосин	C_2H_2O	988
Дихлорэтан	$C_2H_4Cl_2$	Кислота муравьиная	CH_2O_2	675
Дихлорэтан	$C_2H_4Cl_2$	Кислота уксусная	$C_2H_4O_2$	890
Дихлорэтан	$C_2H_4Cl_2$	Спирт аллиловый	C_3H_6O	967
Дихлорэтан	$C_2H_4Cl_2$	Спирт амилловый изо	$C_5H_{12}O$	974
Дихлорэтан	$C_2H_4Cl_2$	Спирт бутиловый изо	$C_4H_{10}O$	970

Дихлорэтан	$C_2H_4Cl_2$	Спирт метиловый	CH_4O	735, 736
Дихлорэтан	$C_2H_4Cl_2$	Спирт пропиловый	C_3H_7O	968
Дихлорэтан	$C_2H_4Cl_2$	Спирт этиловый	C_2H_5O	963—965
Дихлорэтан	$C_2H_4Cl_2$	Толуол	C_7H_8	982—985
Дихлорэтан	$C_2H_4Cl_2$	Триметилпентан	C_8H_{18}	987
Дихлорэтан	$C_2H_4Cl_2$	Трихлорэтан	$C_2H_3Cl_3$	866
Дихлорэтан	$C_2H_4Cl_2$	Углерод четыреххлористый	CCl_4	547—550
Дихлорэтан	$C_2H_4Cl_2$	Фосген	$COCl_2$	472, 473
Дихлорэтан	$C_2H_4Cl_2$	Хлороформ	$CHCl_3$	626, 627
Дихлорэтан	$C_2H_4Cl_2$	Циклогексан	C_6H_{12}	984
Дихлорэтан	$C_2H_4Cl_2$	Этилена окись	C_2H_4O	882, 883
Дихлорэтан	$C_2H_4Cl_2$	Этиленхлоргидрин	C_2H_4ClO	962
Дихлорэтан	$C_2H_4Cl_2$	Ацетон	C_3H_6O	837, 838
Дихлорэтан	$C_2H_4Cl_2$	Метилаль	$C_3H_8O_2$	843, 844
Дихлорэтан	$C_2H_4Cl_2$	Метилэтикетон	C_4H_8O	845, 846
Дихлорэтан	$C_2H_4Cl_2$	Спирт метиловый	CH_4O	730, 731
Дихлорэтан	$C_2H_4Cl_2$	Спирт этиловый	C_2H_5O	835, 836
Дихлорэтан	$C_2H_4Cl_2$	Тетрагидрофуран	C_4H_8O	847, 848
Дихлорэтан	$C_2H_4Cl_2$	Этилен хлористый	C_2H_3Cl	834
Дихлорэтан	$C_2H_4Cl_2$	Эфир изопрениловый	$C_6H_{14}O$	849, 850
Дихлорэтан	$C_2H_4Cl_2$	Эфир муравьиноэтиловый	$C_3H_6O_2$	841, 842
Дихлорэтан	$C_2H_4Cl_2$	Эфир уксуснометиловый	$C_3H_8O_2$	839, 840
Дихлорэтан	$C_2H_4Cl_2$	Эфир фениловый	$C_{12}H_{10}O$	1281
Дихлорэтан	$C_2H_4Cl_2$	Тридекан	$C_{13}H_{28}$	1737
Дихлорэтан	$C_2H_4Cl_2$	Циклогексан	C_6H_{12}	1572
Дихлорэтан	$C_2H_4Cl_2$	Вода	H_2O	4:2
Дихлорэтан	$C_2H_4Cl_2$	Триэтиламин	$C_6H_{15}N$	1547
Дихлорэтан	$C_2H_4Cl_2$	Анилин	C_6H_7N	1537
Дихлорэтан	$C_2H_4Cl_2$	Этиланилин	$C_8H_{11}N$	1690
Дихлорэтан	$C_2H_4Cl_2$	Дихлорбензол	$C_6H_4Cl_2$	1399
Дихлорэтан	$C_2H_4Cl_2$	Крезол	C_7H_8O	1632, 1633
Дихлорэтан	$C_2H_4Cl_2$	Вода	H_2O	4:1
Дихлорэтан	$C_2H_4Cl_2$	Крезол	C_7H_8O	1344, 1345
Дихлорэтан	$C_2H_4Cl_2$	Ксилит	C_8H_{10}	1346
Дихлорэтан	$C_2H_4Cl_2$	Толуол	C_7H_8	1343
Дихлорэтан	$C_2H_4Cl_2$	Водород	H_2	30
Дихлорэтан	$C_2H_4Cl_2$	Гексадецен	$C_{16}H_{32}$	1741
Дихлорэтан	$C_{12}H_{26}$	Октадецен	$C_{18}H_{36}$	1712
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	735, 736
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	968
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	963—965
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	982—985
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	987
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	866
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	547—550
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	472, 473
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	626, 627
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	984
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	882, 883
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	962
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	837, 838
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	843, 844
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	845, 846
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	730, 731
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	835, 836
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	847, 848
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	834
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	849, 850
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	841, 842
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	839, 840
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1281
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1737
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1572
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	4:2
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1547
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1537
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1690
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1399
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1632, 1633
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	4:1
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1344, 1345
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1346
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1343
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	30
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1741
Дихлорэтан	$C_2H_4Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	1712

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Додекан	$C_{12}H_{26}$	Циклогексилциклопентан	$C_{11}H_{21}$	1734
Железо двуххлористое	$FeCl_2$	Отово двуххлористое	$SbCl_2$	94
Железо треххлористое	$FeCl_3$	Алюминий хлористый	$AlCl_3$	68
Железо треххлористое	$FeCl_3$	Никобий пятихлористый	$NbCl_5$	453
Железо треххлористое	$FeCl_3$	Тантал пятихлористый	$TaCl_5$	154
Изопрен	C_5H_8	Амлен изо	C_5H_{10}	4368—4370
Изопрен	C_5H_8	Алетон	$C_5H_{10}O$	1131
Изопрен	C_5H_8	Бутлен изо	C_4H_8	1254
Изопрен	C_5H_8	Диметилформамид	C_3H_7NO	1170
Изопрен	C_5H_8	Кислоты уксусной нитрил	C_2H_3N	859
Изопрен	C_5H_8	Метилэтилэтилен	C_5H_{10}	1371
Изопрен	C_5H_8	Натрометан	CH_3NO_2	696
Изопрен	C_5H_8	Пентан изо	C_5H_{12}	1373
Изопрен	C_5H_8	Пиперилен	C_6H_{10}	1366
Изопрен	C_5H_8	Пропилэтилен изо	C_6H_{10}	1367
Изопрен	C_5H_8	Спирт метиловый	CH_4O	775—777
Изопрен	C_5H_8	Триметилэтилен	C_5H_{10}	1372
Изопрен	C_5H_8	Эфир муравьинометиловый	$C_2H_4O_2$	948
Ионон-α	$C_{13}H_{20}O$	Изон-β	$C_{13}H_{20}O$	1743
Кадмий	Cd	Цинк	Zn	62
Калий хлористый	KCl	Бромид хлористый	$BeCl_2$	61
Камфен	$C_{10}H_{16}$	Карен	$C_{10}H_{16}$	1710
Камфен	$C_{10}H_{16}$	Лимонен (дибензен)	$C_{10}H_{16}$	1709
Камфен	$C_{10}H_{16}$	Эфир муравьиноизоорнеоловый	$C_{11}H_{18}O_2$	1721
Камфен	$C_{10}H_{16}$	Эфир уксусноизоорнеоловый	$C_{12}H_{20}O_2$	1722
Капролактан	$C_6H_{11}NO$	Вода	H_2O	449
Карен	$C_{10}H_{16}$	Камфен	$C_{10}H_{16}$	1710
Карен	$C_{10}H_{16}$	Пипен	$C_{10}H_{16}$	1711, 1712
Керосин	$C_{18}H_p$	Дихлорэтан	$C_2H_4Cl_2$	988
Кислород	O_2	Азот	N_2	406—445
Кислород	O_2	Аргон	Ar	153—164
Кислород	O_3	Криптон	Kr	165, 166

Кислород	O_2	Озон	O_3
Кислота абетиновая	$C_{20}H_{30}O_2$	Кислота оледенная	$C_{18}H_{34}O_2$
Кислота азотная	HNO_3	Азота четырехокись	N_2O_4
Кислота азотная	HNO_3	Вода	H_2O
Кислота азотная	HNO_3	Кислота уксусная	$C_2H_4O_2$
Кислота азотная	HNO_3	Хлороформ	$CHCl_3$
Кислоты акриловой нитрил	C_3H_3N	Вода	H_2O
Кислоты акриловой нитрил	C_3H_3N	Кислоты пропионовой нитрил	C_3H_5N
Кислоты акриловой нитрил	C_3H_3N	Кислоты уксусной нитрил	C_2H_3N
Кислоты бензойной нитрил	C_7H_5N	Хлорбутадиев	C_4H_5Cl
Кислота валериановая	$C_5H_{10}O_2$	Бензол	C_6H_6
Кислота каприловая	$C_8H_{16}O_2$	Кислота уксусная	$C_2H_4O_2$
Кислота каприловая	$C_8H_{16}O_2$	Кислота каприновая	$C_{10}H_{20}O_2$
Кислота каприновая	$C_{10}H_{20}O_2$	Кислота капроновая	$C_6H_{12}O_2$
Кислота капроновая	$C_{10}H_{20}O_2$	Кислота лауриновая	$C_{12}H_{24}O_2$
Кислота лауриновая	$C_{12}H_{24}O_2$	Кислота каприновая	$C_8H_{16}O_2$
Кислота лауриновая	$C_{12}H_{24}O_2$	Кислота миристиновая	$C_{14}H_{28}O_2$
Кислота масляная	$C_4H_8O_2$	Вода	H_2O
Кислота масляная	$C_4H_8O_2$	Кислота муравьиная	CH_2O_2
Кислота масляная	$C_4H_8O_2$	Кислота пропионовая	$C_3H_6O_2$
Кислота масляная	$C_4H_8O_2$	Кислота уксусная	$C_2H_4O_2$
Кислота масляная изо	$C_4H_8O_2$	Вода	H_2O
Кислота масляная изо	$C_4H_8O_2$	Спирт бутиловый вторичный	$C_4H_{10}O$
Кислота метакриловая	$C_4H_6O_2$	Вода	H_2O
Кислоты метакриловой нитрил	C_4H_5N	Кислота уксусная	$C_2H_4O_2$
Кислота миристиновая	$C_{14}H_{28}O_2$	Кислота лауриновая	$C_{12}H_{24}O_2$
Кислота миристиновая	$C_{14}H_{28}O_2$	Кислота пальмитиновая	$C_{16}H_{32}O_2$
Кислота муравьиная	CH_2O_2	Бензол	C_6H_6
Кислота муравьиная	CH_2O_2	Вода	H_2O
Кислота муравьиная	CH_2O_2	Диметилформамид	C_2H_7NO
Кислота муравьиная	CH_2O_2	Дихлоретан	$C_2H_4Cl_2$
Кислота муравьиная	CH_2O_2	Кислота масляная	$C_4H_8O_2$
Кислота муравьиная	CH_2O_2	Кислота пропионовая	$C_3H_6O_2$
Кислота муравьиная	CH_2O_2	Кислота уксусная	$C_2H_4O_2$
Кислота муравьиная	CH_2O_2	Пиридин	C_5H_5N
Кислота муравьиная	CH_2O_2	Хлороформ	$CHCl_3$

155—157	O_3
1759	$C_{18}H_{34}O_2$
31	N_2O_4
192—201	H_2O
33	$C_2H_4O_2$
32	$CHCl_3$
345	H_2O
1103	C_3H_5N
853, 854	C_2H_3N
1104	C_4H_5Cl
1452	C_6H_6
920	$C_2H_4O_2$
1693	$C_{10}H_{20}O_2$
1574	$C_6H_{12}O_2$
1693	$C_8H_{16}O_2$
1729	$C_{12}H_{24}O_2$
1574	$C_8H_{16}O_2$
1729	$C_{10}H_{20}O_2$
1738—1740	$C_{14}H_{28}O_2$
372—375	H_2O
678	CH_2O_2
1463	$C_3H_6O_2$
908	$C_2H_4O_2$
376	H_2O
1268	$C_4H_{10}O$
362	H_2O
901	$C_2H_4O_2$
1738—1740	$C_{12}H_{24}O_2$
1751	$C_{16}H_{32}O_2$
679	C_6H_6
135—145	H_2O
677	C_2H_7NO
675	$C_2H_4Cl_2$
678	$C_4H_8O_2$
676	$C_3H_6O_2$
674—674	$C_2H_4O_2$
670	C_5H_5N
642	$CHCl_3$

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Кислота олеиновая	$C_{17}H_{34}O_2$	Кислота абиетиновая	$C_{20}H_{30}O_2$	1759
Кислота пальмитиновая	$C_{15}H_{30}O_2$	Кислота миристиновая	$C_{14}H_{28}O_2$	1751
Кислота пентафторпропионовая	$C_3H_5F_5O_2$	Перфторгексае	C_6F_{14}	1102
Кислота пропионовая	$C_3H_6O_2$	Вода	H_2O	336—342
Кислота проионовая	$C_3H_6O_2$	Кислота масляная	$C_4H_8O_2$	1163
Кислота проионовая	$C_3H_6O_2$	Кислота муравьиная	CH_3O_2	676
Кислота проионовая	$C_3H_6O_2$	Кислота уксусная	$C_2H_4O_2$	895—898
Кислота проионовая	$C_3H_6O_2$	Кислоты уксусной ангидрид	$C_4H_6O_3$	1161
Кислота проионовая	$C_3H_6O_2$	Метилэтилкетон	C_4H_8O	1162
Кислота проионовая	$C_3H_6O_2$	Октан	C_8H_{18}	1167, 1168
Кислоты триглицеридов нитрил	C_3H_5N	Кислоты акриловой нитрил	C_3H_3N	1103
Кислоты трихлоруксусной хлор-ангидрид	C_2OCl_4	Титан четыреххлористый	$TiCl_4$	90
Кислота уксусная	$C_2H_4O_2$	Альдегид уксусный	C_2H_4O	880, 881
Кислота уксусная	$C_2H_4O_2$	Ацетон	C_3H_6O	893, 894
Кислота уксусная	$C_2H_4O_2$	Бензол	C_6H_6	923—929
Кислота уксусная	$C_2H_4O_2$	Бутан	C_4H_{10}	914
Кислота уксусная	$C_2H_4O_2$	Бутилцеллозольв ацетат	$C_8H_{12}O_3$	951
Кислота уксусная	$C_2H_4O_2$	Бутилэтилглицольдиацетат	$C_8H_{14}O_4$	953
Кислота уксусная	$C_2H_4O_2$	Вода	H_2O	275—292
Кислота уксусная	$C_2H_4O_2$	Декан	$C_{10}H_{22}$	960
Кислота уксусная	$C_2H_4O_2$	Дианетил	$C_4H_{10}O_2$	902
Кислота уксусная	$C_2H_4O_2$	Дикетон	$C_4H_4O_2$	900
Кислота уксусная	$C_2H_4O_2$	Диметилкетон	$C_4H_{10}O$	958
Кислота уксусная	$C_2H_4O_2$	Диметиланглин	$C_4H_{11}N$	950
Кислота уксусная	$C_2H_4O_2$	Диоксан	$C_4H_8O_2$	913
Кислота уксусная	$C_2H_4O_2$	Дихлорэтан	$C_2H_4Cl_2$	890
Кислота уксусная	$C_2H_4O_2$	Кислота азотная	HNO_3	33
Кислота уксусная	$C_2H_4O_2$	Кислота валеьяновая	$C_5H_{10}O_2$	920
Кислота уксусная	$C_2H_4O_2$	Кислота масляная	$C_4H_8O_2$	908
Кислота уксусная	$C_2H_4O_2$	Кислоты метакриловой нитрил	C_4H_5N	901

Кислота уксусная	$C_2H_4O_2$	Кислота муравьиная	CH_2O_2	671—674
Кислота уксусная	$C_2H_4O_2$	Кислота пропионовая	$C_3H_6O_2$	895—898
Кислота уксусная	$C_2H_4O_2$	Кислоты уксусной амид	C_2H_5NO	891
Кислота уксусная	$C_2H_4O_2$	Кислоты уксусной ангидрид	$C_4H_6O_3$	903—906
Кислота уксусная	$C_2H_4O_2$	Кислосол	$C_8H_{10}O_3$	947, 948
Кислота уксусная	$C_2H_4O_2$	Лутидин	C_7H_9N	940
Кислота уксусная	$C_2H_4O_2$	Метиламидкетон	$C_7H_{14}O$	943, 944
Кислота уксусная	$C_2H_4O_2$	Метилизобутилкетон	$C_6H_{12}O$	931
Кислота уксусная	$C_2H_4O_2$	Метилциклопексанон	$C_7H_{12}O$	941
Кислота уксусная	$C_2H_4O_2$	Метилэтилкетон	C_4H_8O	907
Кислота уксусная	$C_2H_4O_2$	Октан	C_8H_{18}	956, 957
Кислота уксусная	$C_2H_4O_2$	Пирдин	C_5H_5N	917
Кислота уксусная	$C_2H_4O_2$	Спирт бутиловый	$C_4H_{10}O$	915
Кислота уксусная	$C_2H_4O_2$	Спирт метиловый	CH_4O	734
Кислота уксусная	$C_2H_4O_2$	Спирт пропиловый	C_3H_8O	899
Кислота уксусная	$C_2H_4O_2$	Спирт этиловый	C_2H_6O	892
Кислота уксусная	$C_2H_4O_2$	Стирол	C_8H_8	946
Кислота уксусная	$C_2H_4O_2$	Толуол	C_7H_8	936—939
Кислота уксусная	$C_2H_4O_2$	Трихлорэтилен	C_2HCl_3	817
Кислота уксусная	$C_2H_4O_2$	Триэтиламин	$C_6H_{16}N$	935
Кислота уксусная	$C_2H_4O_2$	Фензон	$C_{10}H_{16}O$	959
Кислота уксусная	$C_2H_4O_2$	Фурфурол	$C_5H_4O_2$	916
Кислота уксусная	$C_2H_4O_2$	Хлороформ	$CHCl_3$	624, 625
Уксусная кислота	$C_2H_4O_2$	Этилбензол	C_8H_{10}	949
Уксусная кислота	$C_2H_4O_2$	Эфир днукснопропиленгиколовый	$C_7H_{12}O_4$	942
Уксусная кислота	$C_2H_4O_2$	Эфир метиловый этиленгиколь-аце- тата	$C_5H_{10}O_3$	922
Уксусная кислота	$C_2H_4O_2$	Эфир уксусноамиловый изо	$C_7H_{14}O_2$	945
Уксусная кислота	$C_2H_4O_2$	Эфир уксуснобутиловый	$C_6H_{12}O_2$	932, 933
Уксусная кислота	$C_2H_4O_2$	Эфир уксуснометиламидовый	$C_8H_{16}O_2$	954, 955
Уксусная кислота	$C_2H_4O_2$	Эфир уксуснометиленгикарбиноло- вый	$C_6H_{10}O_2$	930
Уксусная кислота	$C_2H_4O_2$	Эфир уксуснопропиловый	$C_5H_{10}O_2$	924
Уксусная кислота	$C_2H_4O_2$	Эфир уксусноциклопексидовый	$C_8H_{14}O_2$	952
Уксусная кислота	$C_2H_4O_2$	Эфир уксусногидриловый	$C_4H_8O_2$	909—912
Уксусная кислота	$C_2H_4O_2$	Ацетон	$C_3H_4O_2$	894
Уксусная кислота	$C_4H_6O_3$	Вода	C_2H_6O	1424
Уксусная кислота	$C_4H_6O_3$		H_2O	363

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Кислоты уксусной ангидрид	$C_4H_6O_3$	Дикетен	$C_4H_4O_2$	1240
Кислоты уксусной ангидрид	$C_4H_6O_3$	Кислота пропионовая	$C_3H_6O_2$	1161
Кислоты уксусной ангидрид	$C_4H_6O_3$	Кислота уксусная	$C_2H_4O_2$	903—906
Кислоты уксусной ангидрид	$C_4H_6O_3$	Метиленацетат	$C_3H_6O_3$	1247
Кислоты уксусной ангидрид	$C_4H_6O_3$	Пиридип	C_5H_5N	1245, 1246
Кислоты уксусной ангидрид	$C_4H_6O_3$	Циклогексан	C_6H_{12}	1248
Кислоты уксусной нитрил	C_2H_3N	Ацетон	C_3H_6O	855, 856
Кислоты уксусной нитрил	C_2H_3N	Бензол	C_6H_6	864
Кислоты уксусной нитрил	C_2H_3N	Вода	H_2O	265—267
Кислоты уксусной нитрил	C_2H_3N	Изопрен	C_5H_8	859
Кислоты уксусной нитрил	C_2H_3N	Кислоты акриловой нитрил	C_3H_3N	852, 854
Кислоты уксусной нитрил	C_2H_3N	Кремний четыреххлористый	$SiCl_4$	78
Кислоты уксусной нитрил	C_2H_3N	Нитрометан	CH_3NO_2	690
Кислоты уксусной нитрил	C_2H_3N	Пентан изо	C_5H_{12}	863
Кислоты уксусной нитрил	C_2H_3N	Пентен	C_5H_{10}	860, 861
Кислоты уксусной нитрил	C_2H_3N	Пикولين	C_8H_7N	365
Кислоты уксусной нитрил	C_2H_3N	Сероуглерод	CS_2	307
Кислоты уксусной нитрил	C_2H_3N	Спирт метиловый	CH_3O	732
Кислоты уксусной нитрил	C_2H_3N	Спирт этиловый	C_2H_5O	352
Кислоты уксусной нитрил	C_2H_3N	Триметилхлорсилан	C_3H_9SiCl	357
Кислоты уксусной нитрил	C_2H_3N	Триметилен	C_3H_6	362
Кислоты уксусной нитрил	C_2H_3N	Трихлорэтилен	C_2HCl_3	316
Кислоты уксусной нитрил	C_2H_3N	Углерод четыреххлористый	CCl_4	344
Кислоты уксусной нитрил	C_2H_3N	Эфир этиловый	$C_4H_{10}O$	358
Кислоты уксусной нитрил	C_2H_3N	Серы трехокис	SO_3	172
Кислоты хлоруксусной	$HSCl$	Титан четыреххлористый	$TiCl_4$	92
Кислоты хлоруксусной хлорангидрид	$C_2H_2OCl_2$			
Кислота этилкапроновая	$C_8H_{16}O_2$	Крезол	C_7H_8O	1627, 1628
Крезол	C_7H_8O	Ахилнафталин	$C_{17}H_{18}$	1643, 1644
Крезол	C_7H_8O	Ацетониллацетон	$C_6H_{10}O_2$	1542, 1546
Крезол	C_7H_8O	Вензидип	$C_{12}H_{12}N_2$	1638

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Кислол	C_8H_{10}	Паральдегид	$C_6H_{12}O_3$	1575, 1576
Кислол	C_8H_{10}	Пиридин	C_5H_5N	1365
Кислол	C_8H_{10}	Спирт буталовый изо	$C_4H_{10}O$	1320—1325
Кислол	C_8H_{10}	Спирт нониловый	$C_9H_{20}O$	1638, 1689
Кислол	C_8H_{10}	Спирт тетрагидрофурилловый	$C_5H_{10}O_2$	1379, 1380
Кислол	C_8H_{10}	Фосген	$COCl_2$	478, 479
Кислол	C_8H_{10}	Эфир салицилэтометалловый	$C_8H_8O_3$	1678, 1679
Кислол	C_8H_{10}	Эфир уксусноэтилловый	$C_4H_8O_2$	1280
Кумол	C_9H_{12}	Ацетон	C_3H_6O	1160
Кумол	C_9H_{12}	Оенол	C_6H_6O	1510
Ленидин	$C_{11}H_{16}N$	Метилханолин	$C_{10}H_{16}N$	1707
Ленидин	$C_{11}H_{16}N$	Хлалыдин	$C_{10}H_{16}N$	1706
Лимонен (дишентен)	$C_{11}H_{16}$	Кафен	$C_{10}H_{16}$	1709
Лимонен (дишентен)	$C_{11}H_{16}$	Пинен	$C_{10}H_{16}$	1713—1715
Лимонен (дишентен)	$C_{11}H_{16}$	Эфир муравьиноэторнеолловый	$C_{11}H_{16}O_2$	1720
Лимонен (дишентен)	$C_{11}H_{16}$	Эфир уксусноэторнеолловый	$C_{12}H_{20}O_2$	1722
Лутидин	C_7H_9N	Вода	H_2O	480—482
Лутидин	C_7H_9N	Детан	$C_{10}H_{22}$	1648
Лутидин	C_7H_9N	Кислота уксусная	$C_2H_4O_2$	940
Лутидин	C_7H_9N	Пиколин	C_6H_7N	1523—1525
Лутидин	C_7H_9N	Фенол	C_6H_5O	1502
Мезитилен	C_9H_{12}	Триэтиламин	$C_6H_{15}N$	1592
Ментол	$C_{10}H_{20}O$	Ментон	$C_{10}H_{18}O$	1728
Ментон	$C_{10}H_{18}O$	Ментол	$C_{10}H_{20}O$	1728
Метан	CH_4	Азот	N_2	124—129
Метан	CH_4	Альдегид уксусный	C_2H_4O	708
Метан	CH_4	Бензол	C_6H_6	724
Метан	CH_4	Бутан	C_4H_{10}	715—718
Метан	CH_4	Бутан изо	C_4H_{10}	719
Метан	CH_4	Водород	H_2	9—11
Метан	CH_4	Гексан	C_6H_{14}	725
Метан	CH_4	Гелий	He	59

Метал	CH_4	Докал	$\text{C}_{10}\text{H}_{22}$	728
Метал	CH_4	Октае	C_8H_{18}	727
Метан	CH_4	Пентан	C_5H_{12}	720—723
Метан	CH_4	Пропан	C_3H_8	711—714
Метан	CH_4	Сероуглерод	H_2S	36
Метан	CH_4	Серы двуокись	SO_2	170
Метан	CH_4	Толуол	C_7H_8	726
Метан	CH_4	Углерода двуокись	CO_2	481
Метан	CH_4	Этан	C_2H_6	709, 710
Метан	CH_4	Этилен	C_2H_4	706, 707
Метан	CH_4	Бензол	C_6H_6	705
Метил йодистый	CH_3I	Метилен хлористый	CH_2Cl_2	680
Метил йодистый	CH_3I	Сероуглерод	CS_2	505
Метил йодистый	CH_3I	Углерод четыреххлористый	CCl_4	537
Метил йодистый	CH_3I	Хлороформ	CHCl_3	614, 615
Метил йодистый	CH_3I	Эфир этиловый	$\text{C}_4\text{H}_{10}\text{O}$	704
Метил йодистый	CH_3I	Дихлорэтилен	$\text{C}_2\text{H}_2\text{Cl}_2$	843, 844
Метил йодистый	CH_3I	Сероуглерод	CS_2	513, 514
Метил йодистый	CH_3I	Кислота уксусная	$\text{C}_2\text{H}_4\text{O}_2$	943, 944
Метил йодистый	CH_3I	Диметиламин	$\text{C}_2\text{H}_7\text{N}$	812
Метил йодистый	CH_3I	Анилин	$\text{C}_6\text{H}_7\text{N}$	1522
Метил йодистый	CH_3I	Диметиламин	$\text{C}_6\text{H}_{11}\text{N}$	4647
Метил йодистый	CH_3I	Этиленгликоль	$\text{C}_2\text{H}_6\text{O}_2$	1098
Метил йодистый	CH_3I	Вода	H_2O	431, 432
Метил-3-бутин-2-ол	$\text{C}_5\text{H}_{12}\text{O}$	Винилтрихлорсилан	$\text{C}_2\text{H}_5\text{SiCl}_3$	868
Метилвинилхлорид	$\text{C}_3\text{H}_5\text{Cl}$	Вода	H_2O	361
Метилвинилкетон	$\text{C}_4\text{H}_6\text{O}$	Дихлорбутен	$\text{C}_4\text{H}_6\text{Cl}_2$	1249
Метилвинилкетон	$\text{C}_4\text{H}_6\text{O}$	Хлорбутадин	$\text{C}_4\text{H}_5\text{Cl}$	1242
Метилвинилкетон	$\text{C}_4\text{H}_6\text{O}$	Метилэтиллиридин	$\text{C}_8\text{H}_{11}\text{N}$	1680, 1681
Метилвиниллиридин	$\text{C}_8\text{H}_{11}\text{N}$	Кремний четыреххлористый	SiCl_4	77
Метилдиаллилкетон	CH_4SiCl_2	Бензол	C_6H_6	1451
Метилдиаллилкетон	$\text{C}_6\text{H}_{14}\text{O}$	Циклогексан	C_6H_{12}	1557
Метилдиаллилкетон	$\text{C}_6\text{H}_{14}\text{O}$	Ацетон	$\text{C}_3\text{H}_6\text{O}$	1149
Метилдиаллилкетон	$\text{C}_6\text{H}_{12}\text{O}$	Бензол	C_6H_6	1439
Метилдиаллилкетон	$\text{C}_6\text{H}_{12}\text{O}$	Кислота уксусная	$\text{C}_2\text{H}_4\text{O}_2$	931
Метилдиаллилкетон	$\text{C}_6\text{H}_{12}\text{O}$	Спирт метиловый	CH_4O	801
Метилдиаллилкетон	$\text{C}_6\text{H}_{12}\text{O}$	Спирт пропиловый изо	$\text{C}_3\text{H}_8\text{O}$	1240
Метилдиаллилкетон	$\text{C}_6\text{H}_{12}\text{O}$	Хлороформ	CHCl_3	659

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Метилэцетилкетон	$C_6H_{12}O$	Циклогексан	C_6H_{12}	1552
Метилкарбитол	$C_5H_{12}O_3$	Метилцеллозольв	$C_3H_8O_2$	1222, 1223
Метилкарбитол	$C_3H_{12}O_3$	Спирт метиловый	CH_4O	788
Метилнафталин	$C_{11}H_{10}$	Аденарфен	$C_{12}H_{10}$	4733
Метилнафталин	$C_{11}H_{10}$	Крезол	C_7H_8O	1634, 1635
Метилнафталин	$C_{11}H_{10}$	Нафталин	$C_{10}H_8$	1701
Метилнафталин	$C_{11}H_{10}$	Спирт уцеллоловый	$C_{11}H_{24}O$	1730—1732
Метилпентан	C_6H_{14}	Пропантиол	C_3H_8S	4232
Метилпентан	C_6H_{14}	Спирт метиловый	CH_4O	805, 806
Метилпропилкетон	$C_5H_{10}O$	Спирт метиловый	CH_4O	783
Метилпропилкетон	$C_5H_{10}O$	Спирт пропиловый изо	C_3H_8O	1491
Метилпропилкетон	$C_5H_{10}O$	Спирт этиловый	C_2H_6O	1048, 1049
Метилстирол	C_9H_{10}	Фенол	C_6H_6O	1507
Метилтрихлорсилан	CH_3SiCl_3	Диметилдихлорсилан	$C_2H_6SiCl_2$	684, 685
Метилтрихлорсилан	CH_3SiCl_3	Бремний четыреххлористый	$SiCl_4$	76
Метилтрихлорсилан	CH_3SiCl_3	Триметилхлорсилан	C_3H_9SiCl	686
Метилфенилдихлорсилан	$C_7H_8SiCl_2$	Диметилфенилхлорсилан	$C_6H_{11}SiCl$	1624
Метилформамид	C_2H_5NO	Бода	H_2O	294
Метилфуран	C_5H_6O	Метилэтилкетон	C_4H_8O	1258
Метилфуран	C_5H_6O	Фурфурол	$C_5H_4O_2$	1351
Метилхинолин	$C_{10}H_8N$	Лепидин	$C_{10}H_9N$	1707
Метилцеллозольв	$C_3H_8O_2$	Бензол	C_6H_6	1224
Метилцеллозольв	$C_3H_8O_2$	Бода	$C_3H_8O_2$	358
Метилцеллозольв	$C_3H_8O_2$	Метилкарбитол	$C_5H_{13}O_3$	1222, 1223
Метилцеллозольв	$C_3H_8O_2$	Спирт метиловый	CH_4O	760, 761
Метилцеллозольв	$C_3H_8O_2$	Стирол	C_8H_8	1227
Метилцеллозольв	$C_3H_8O_2$	Циклогексан	C_6H_{12}	4226
Метилцеллозольв	$C_3H_8O_2$	Этилбензол	C_8H_{10}	4228
Метилцеллозольв	$C_3H_8O_2$	Эфир метиловый этиленгликольаце- тата	$C_5H_{10}O_3$	1221
Метилцеллозольв	$C_3H_8O_2$	Апилин	C_4H_7N	1526, 1527

Метилциклоексан	C_7H_{14}	Вензл	C_6H_6	1462, 1463
Метилциклоексан	C_7H_{14}	Водород	H_2	26
Метилциклоексан	C_7H_{14}	Гексан	C_6H_{14}	1580
Метилциклоексан	C_7H_{14}	Гептан	C_7H_{16}	1553—1459
Метилциклоексан	C_7H_{14}	Октан изо	C_8H_{18}	1660
Метилциклоексан	C_7H_{14}	Пентан	C_5H_{12}	1387
Метилциклоексан	C_7H_{14}	Спирт этиловый	C_2H_5O	1082, 1083
Метилциклоексан	C_7H_{14}	Толуол	C_7H_8	1601—1505
Метилциклоексан	C_7H_{14}	Триметилметан	C_3H_8	1661—1463
Метилциклоексан	C_7H_{14}	Фенол	C_6H_6O	1503
Метилциклоексан	C_7H_{14}	Фурфурол	$C_5H_8O_2$	1358
Метилциклоексан	C_7H_{14}	Циклогексан	C_6H_{12}	1564
Метилциклоексанон	$C_7H_{12}O$	Кислота уксусная	$C_2H_4O_2$	941
Метилциклоектан	C_6H_{12}	Бензол	C_6H_6	1436—1438
Метилциклоектан	C_6H_{12}	Гексан	C_6H_{14}	1555, 1556
Метилциклоектан	C_6H_{12}	Пентан	C_5H_{12}	1385
Метилциклоектан	C_6H_{12}	Пропантиол	C_3H_8S	1230
Метилциклоектан	C_6H_{12}	Спирт метиловый	CH_4O	800
Метилциклоектан	C_6H_{12}	Спирт этиловый	C_2H_5O	1069
Метилциклоектан	C_6H_{12}	Толуол	C_7H_8	1563
Метилциклоектан	C_6H_{12}	Циклогексан	C_6H_{12}	1549
Метилциклоектан	C_6H_{12}	Акролеин	C_3H_4O	1106
Метилэтилкетон	C_4H_8O	Апетон	C_3H_6O	1122
Метилэтилкетон	C_4H_8O	Бензол	C_6H_6	1259—1261
Метилэтилкетон	C_4H_8O	Бутилцеллозольв	$C_8H_{14}O_2$	1265
Метилэтилкетон	C_4H_8O	Вода	H_2O	365—371
Метилэтилкетон	C_4H_8O	Гептан	C_7H_{16}	1267
Метилэтилкетон	C_4H_8O	Дихлорэтилен	$C_2H_4Cl_2$	845, 846
Метилэтилкетон	C_4H_8O	Кислота пропионовая	$C_3H_6O_2$	1162
Метилэтилкетон	C_4H_8O	Кислота уксусная	$C_2H_4O_2$	907
Метилэтилкетон	C_4H_8O	Метилфурол	C_5H_8O	1258
Метилэтилкетон	C_4H_8O	Спирт бутиловый вторичный	$C_4H_{10}O$	1257
Метилэтилкетон	C_4H_8O	Спирт метиловый	CH_4O	763, 764
Метилэтилкетон	C_4H_8O	Спирт этиловый	C_2H_5O	1031
Метилэтилкетон	C_4H_8O	Толуол	C_7H_8	1266
Метилэтилкетон	C_4H_8O	Трихлорэтилен	C_2HCl_3	821
Метилэтилкетон	C_4H_8O	Углерод четыреххлористый	CCl_4	566
Метилэтилкетон	C_4H_8O	Фенол	C_6H_6	1263

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Метилэтилкетон	C_4H_8O	Хлороформ	$CHCl_3O$	648
Метилэтилкетон	C_4H_8O	Циклогексан	C_6H_{12}	1263, 1264
Метилэтилпиридин	$C_8H_{11}N$	Метилэтилпиридин	$C_8H_{11}N$	1680, 1681
Метилэтилэтилен	C_6H_{10}	Ацетон	C_3H_6O	1434
Метилэтилэтилен	C_6H_{10}	Изопрен	C_5H_8	1371
Метилэтилэтилен	C_6H_{10}	Нитрометан	CH_3NO_2	698
Метилэтилэтилен	C_6H_{10}	Спирт метиловый	CH_4O	782
Метилэтилэтилен	C_6H_{10}	Триметилен	C_3H_6	1375
Метил-2(2-этокси-этокс)-этанол	$C_8H_{16}O_3$	Крезол	C_7H_8O	1625, 1626
Метилен хлористый	CH_2Cl_2	Метил йодистый	CH_3I	680
Метилен хлористый	CH_2Cl_2	Пентан	C_5H_{12}	683
Метилен хлористый	CH_2Cl_2	Спирт метиловый	CH_4O	684
Метилен хлористый	CH_2Cl_2	Углерод четыреххлористый	CCl_4	534, 535
Метиленацетат	$C_3H_4O_3$	Эфир этиловый	$C_4H_{10}O$	682
Мышьяк треххлористый	$AsCl_3$	Кислоты уксусной ангидрид	$C_4H_6O_3$	1247
Натрий хлористый	$NaCl$	Германий четыреххлористый	$GeCl_4$	33
Нафталин	$C_{10}H_8$	Бериллий хлористый	$BeCl_2$	30
Нафталин	$C_{10}H_8$	Гексацен	$C_{16}H_{32}$	1734
Нафталин	$C_{10}H_8$	Метилнафталин	$C_{11}H_{10}$	1701
Нафталин	$C_{10}H_8$	Октадекан	$C_{18}H_{38}$	1705
Никотин	$C_{10}H_{14}N_2$	Тетрадекан	$C_{14}H_{30}$	1702, 1703
Нитробензол	$C_6H_5NO_2$	Вода	H_2O	463
Нитробензол	$C_6H_5NO_2$	Алюминий хлористый	$AlCl_3$	56
Нитробензол	$C_6H_5NO_2$	Железо треххлористое	$FeCl_3$	153
Нитробензол	$C_6H_5NO_2$	Тантал пятихлористый	$TaCl_5$	152
Нитробензол	$C_6H_5NO_2$	Англин	C_8H_7N	1422
Нитробензол	$C_6H_5NO_2$	Бензол	C_6H_6	1400, 1401
Нитроэтил хлористый	$C_2H_5NO_2$	Спирт бугиловый третичный	$C_4H_{10}O$	1297
Нитроэтил хлористый	$C_2H_5NO_2$	Углерод четыреххлористый	CCl_4	576
Нитроэтил хлористый	$C_2H_5NO_2$	Циклогексан	C_6H_{12}	1403
Нитроэтил хлористый	$C_2H_5NO_2$	Хлор	Cl_2	142
Нитроэтил хлористый	$C_2H_5NO_2$	Ацетон	C_3H_6O	692

Нитрометан	CH_3NO_2	Бензол	C_6H_6	701—703
Нитроэтан	CH_3NO_2	Вода	H_2O	246
Нитропропан	CH_3NO_2	Изопрен	C_5H_8	696
Нитрометан	CH_3NO_2	Кислоты уксусной нитрил	$\text{C}_2\text{H}_3\text{N}$	696
Нитрометан	CH_3NO_2	Метилэтилэтилен	$\text{C}_3\text{H}_{10}\text{NO}_2$	698
Нитрометан	CH_3NO_2	Нитроэтан	$\text{C}_2\text{H}_5\text{NO}_2$	694
Нитрометан	CH_3NO_2	Пентан изо	C_5H_{12}	700
Нитрометан	CH_3NO_2	Пиперидин	C_5H_{10}	697
Нитрометан	CH_3NO_2	Сероуглерод	CS_2	504
Нитрометан	CH_3NO_2	Спирт метиловый	CH_4O	687, 688
Нитрометан	CH_3NO_2	Спирт пропиловый	$\text{C}_3\text{H}_8\text{O}$	693
Нитрометан	CH_3NO_2	Спирт пропиловый изо	$\text{C}_3\text{H}_8\text{O}$	694
Нитрометан	CH_3NO_2	Триметилен	C_6H_{10}	693
Нитрометан	CH_3NO_2	Трихлорэтилен	C_2HCl_3	689
Нитрометан	CH_3NO_2	Углерод четыреххлористый	CCl_4	533
Нитрометан	CH_3NO_2	Эфир этиловый	$\text{C}_4\text{H}_{10}\text{O}$	695
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Бензол	C_6H_6	1475, 1476
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Гексан	C_6H_{14}	1477, 1478
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Дибромэтан	$\text{C}_2\text{H}_4\text{Br}_2$	990
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Углерод четыреххлористый	CCl_4	590, 561
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Хлорбензол	$\text{C}_6\text{H}_5\text{Cl}$	1474
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	м-Нитротолуол	$\text{C}_7\text{H}_7\text{NO}_2$	1596
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	п-Нитротолуол	$\text{C}_7\text{H}_7\text{NO}_2$	1597
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	п-Нитротолуол	$\text{C}_7\text{H}_7\text{NO}_2$	1598
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Бензол	C_6H_6	994
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Нитрометан	CH_3NO_2	691
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Углерод четыреххлористый	CCl_4	551
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	п-Нитроэтилбензол	$\text{C}_9\text{H}_9\text{NO}_2$	1682
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Спирт бутиловый	$\text{C}_4\text{H}_{10}\text{O}$	1332
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Фенол	$\text{C}_6\text{H}_6\text{O}$	1541
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Озон	O_3	155—157
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Кислород	O_2	1705
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Нафталин	C_{10}H_8	1705
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Эфир фталеводионолиловый	$\text{C}_{30}\text{H}_{42}\text{O}_4$	1760
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Додекан	$\text{C}_{12}\text{H}_{26}$	1742
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Триметил-диметилтрисилоксан	$\text{C}_8\text{H}_{24}\text{Si}_4\text{O}_4$	1695
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Бензол	C_6H_6	1483, 1484
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Бутилцеллозоль	$\text{C}_6\text{H}_{14}\text{O}_2$	1588
Нитропропан	$\text{C}_3\text{H}_7\text{NO}_2$	Гексан	C_6H_{14}	1583

Компонент А		Компонент В		№ таблиц
Наименование	Формула	Наименование	Формула	
Октан	C_8H_{18}	Гептан	C_7H_{16}	1567
Октан	C_8H_{18}	Кислота пропионовая	$C_3H_6O_2$	1167, 1168
Октан	C_8H_{18}	Кислота уксусная	$C_2H_4O_2$	956, 957
Октан	C_8H_{18}	Ксилол	C_8H_{10}	1385
Октан	C_8H_{18}	Метан	CH_4	727
Октан	C_8H_{18}	Олово четыреххлористое	$SnCl_4$	104
Октан	C_8H_{18}	Спирт бутиловый	$C_4H_{10}O$	1328
Октан	C_8H_{18}	Спирт пропиловый изо	C_3H_8O	4218
Октап	C_8H_{18}	Толуол	C_7H_8	1615—1617
Октан	C_8H_{18}	Триметилпентан	C_5H_{12}	1394
Октан	C_8H_{18}	Целлозольв	$C_4H_{10}O_2$	1342
Октан	C_8H_{18}	Этилбензол	C_8H_{10}	1386
Октан	C_8H_{18}	Этилциклогексан	C_8H_{16}	1392
Октан	C_8H_{18}	Бензол	C_6H_6	1484, 1485
Октан изо	C_8H_{18}	Гептан	C_7H_{16}	1568
Октан изо	C_8H_{18}	Метилциклогексан	C_7H_{14}	1360
Октан изо	C_8H_{18}	Спирт этиловый	C_2H_6O	1089
Октан изо	C_8H_{18}	Толуол	C_7H_8	1618—1620
Октан изо	C_8H_{18}	Фенол	C_6H_6O	1506
Октан изо	C_8H_{18}	Фурфурол	$C_5H_4O_2$	1360
Октан изо	C_8H_{18}	Циклогексан	C_6H_{12}	1571
Октафторциклобутан	C_4F_8	Дифтордихлорметан	CF_2Cl_2	330
Октафторциклобутан	C_4F_8	Дифторхлорметан	CHF_2Cl	300
Октен	C_8H_{16}	Этилбензол	C_8H_{10}	1683
Слово	двуххлористое	Железо двуххлористое	$FeCl_2$	94
Слово	четырёххлористое	Анизол	C_7H_8O	101
Слово	четырёххлористое	Бензол	C_6H_6	99
Олово	четырёххлористое	Октан	C_8H_{18}	104
Олово	четырёххлористое	Титан четыреххлористый	$TiCl_4$	81
Олово	четырёххлористое	Углерод четыреххлористый	CCl_4	95
Олово	четырёххлористое	Эфир пропилонозобутиловый	$C_7H_{14}O_2$	102

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Пентен	C_5H_{10}	Кислоты уксусной нитрил	C_5H_9N	860, 861
Пентен	C_5H_{10}	Спирт метиловый	CH_3O	780
Перфторгексан	C_6F_{14}	Гексан	C_6H_{14}	1392
Перфторгексан	C_6F_{14}	Кислота пентафторспиноновая	$C_5F_9O_2$	1402
Перфторгексан	C_6F_{14}	Перфторциклопентан	C_5F_{10}	1349
Перфторгексан	C_6F_{14}	Триперфторбутиламин	C_3F_7N	1393
Перфторгексан	C_6F_{14}	Эфир перфтордициклопропиловый	$C_4F_{12}O$	1391
Перфторгептан	C_7F_{16}	Перфтордициклооктана окись	$C_8F_{18}O$	1593
Перфторгептан	C_7F_{16}	Триметилпентан	C_5H_{18}	1594
Перфторгептан	C_7F_{16}	Аргон	A	188
Перфторгептан	C_7F_{16}	Вальфрам шестифтористый	WF_6	175
Перфторгептан	C_7F_{16}	Перфторциклопентан	C_5F_{10}	1348
Перфторгептан	C_7F_{16}	Сера шестифтористая	SF_6	173
Перфторгептан	C_7F_{16}	Бензол	C_6H_6	1394
Перфтортриэтиламин	$C_6F_{15}N$	Гексан	C_6H_{12}	1395
Перфтортриэтиламин	$C_6F_{15}N$	Пентан лзю	C_5H_{12}	1382
Перфтортриэтиламин	$C_6F_{15}N$	Триметилен	C_3H_6	1377
Перфтортриэтиламин	$C_6F_{15}N$	Гексафтордициклопентен	$C_5F_6Cl_2$	1350
Перфторциклооктана окись	$C_8F_{16}O$	Гептафтортрихлорбутан	$C_4F_7Cl_3$	1235
Перфторциклооктана окись	$C_8F_{16}O$	Перфторгептан	C_7F_{16}	1593
Перфторциклопентан	C_5F_{10}	Вальфрам шестифтористый	WF_6	174
Перфторциклопентан	C_5F_{10}	Перфторгексан	C_6F_{14}	1349
Перфторциклопентан	C_5F_{10}	Перфторгептан	C_7F_{16}	1348
Перфторгептан	C_7F_{16}	Фтороформ	CHF_3	611
Перфторгептан	C_7F_{16}	Этан	C_2H_6	313
Пикололин	C_6H_7N	Вода	H_2O	442—446
Пикололин	C_6H_7N	Кислоты уксусной нитрил	C_5H_9N	865
Пикололин	C_6H_7N	Лутидин	C_8H_9N	1523, 1524
Пикололин	C_6H_7N	Пиридин	C_5H_5N	1363
Пикололин	C_6H_7N	Фенол	C_6H_6O	1493, 1494
Пикололин	C_6H_7N	Этиленгликоль	$C_2H_6O_2$	1095

Пинеп	$C_{10}H_{16}$	Карен	$C_{10}H_{13}$	474, 1712
Пинеп	$C_{10}H_{16}$	Лимолеп	$C_{10}H_{16}$	1713—1715
Пинеп-α	$C_{10}H_{16}$	Пинеп-β	$C_{10}H_{16}$	1716—1718
Пинеп	$C_{10}H_{16}$	Терпинолен	$C_{10}H_{16}$	1719
Пиперидин	$C_4H_{11}N$	Вода	H_2O	430
Пипериден	C_4H_8	Ацетон	C_3H_6O	1132
Пипериден	C_4H_8	Изопран	C_5H_8	1366
Пипериден	C_4H_8	Нитрометан	CH_3NO_2	697
Пипериден	C_4H_8	Спирт метиловый	CH_3OH	778
Пиридин	C_5H_5N	Анилин	C_6H_5N	1362
Пиридин	C_5H_5N	Ацетон	C_3H_6O	1130
Пиридин	C_5H_5N	Бензол	C_6H_6	1361
Пиридин	C_5H_5N	Вода	H_2O	419—426
Пиридин	C_5H_5N	Кислота муравьиная	CH_3CO_2	670
Пиридин	C_5H_5N	Кислота уксусная	$C_2H_4O_2$	917
Пиридин	C_5H_5N	Кислота уксусной ангидрид	$C_4H_6O_3$	1245, 1246
Пиридин	C_5H_5N	Ксилит	C_6H_{10}	1365
Пиридин	C_5H_5N	Пикололин	C_6H_7N	1363
Пиридин	C_5H_5N	Циклотексан	C_6H_{12}	1364
Пиридин	C_5H_5N	Углерода двуокись	CO_2	500
Природного газа конденсат	—	Азот	N_2	131
Пропан	C_3H_8	Ацетилен	C_2H_2	832
Пропан	C_3H_8	Бензол	C_6H_6	1184
Пропан	C_3H_8	Бутан	C_4H_{10}	1181
Пропан	C_3H_8	Бутилен изо	C_4H_8	1179, 1180
Пропан	C_3H_8	Вода	H_2O	345
Пропан	C_3H_8	Водород	H_2	18—20
Пропан	C_3H_8	Метан	C_5H_{12}	711—714
Пропан	C_3H_8	Пентаг	C_5H_{12}	1182, 1183
Пропан	C_3H_8	Пропилен	C_3H_6	1112—1114
Пропан	C_3H_8	Сероводород	H_2S	39—42
Пропан	C_3H_8	Толуол	C_7H_8	1185
Пропан	C_3H_8	Углерода двуокись	CO_2	488—491
Пропан	C_3H_8	Углерода окись	CO	464—466
Пропан	C_3H_8	Этан	C_2H_6	1015
Пропан	C_3H_8	Гексан	C_6H_{14}	1231
Пропантиол	C_3H_7S	Метиллентан	C_6H_{14}	1232

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Пропантиол	C_3H_9S	Метилциклопентан	C_6H_{12}	1230
Пропантиол	C_3H_9S	Циклопентан	C_5H_{10}	1229
Пропил изо хлористый	C_3H_7Cl	Алил хлористый	C_3H_5Cl	1109
Пропилбензол изо	C_9H_{12}	Фенол	C_6H_6O	1508, 1509
Пропиллафталин изо	$C_{19}H_{14}$	Крезол	C_7H_8O	1639, 1640
Пропилэтилен изо	C_5H_{10}	Изопрен	C_5H_8	1367
Пропилген	C_3H_6	Аргон	Ar	187
Пропилген	C_3H_6	Ацетилен	C_2H_2	832
Пропилген	C_3H_6	Бутан изо	C_4H_{10}	1416
Пропилген	C_3H_6	Бутилен	C_4H_8	1415
Пропилген	C_3H_6	Водород	H_2	17
Пропилген	C_3H_6	Пропан	C_3H_8	1412—1414
Пропилген	C_3H_6	Сероводород	H_2S	38
Пропилген	C_3H_6	Углерода двуокись	CO_2	485, 486
Пропилген	C_3H_6	Этан	C_2H_6	1013, 1014
Пропилген	C_3H_6	Этилен	C_2H_4	875
Пропилген бромистый	C_3H_5Br	Этилен бромистый	C_2H_3Br	869
Пропиллена окись	C_3H_5O	Вода	H_2O	330
Пропиллена окись	C_3H_5O	Этилена окись	C_2H_4O	885
Смесь двуххлористый	$PbCl_2$	Цинк двуххлористый	$ZnCl_2$	63
Селен	Se	Сера	S	167—169
Сера	S	Селен	Se	167—169
Сера шестифтористая	SF_6	Перфторпентан	C_5F_{12}	473
Сероводород	H_2S	Вода	H_2O	202
Сероводород	H_2S	Метан	CH_4	36
Сероводород	H_2S	Декан	$C_{10}H_{22}$	44
Сероводород	H_2S	Пентан	C_5H_{12}	43
Сероводород	H_2S	Пропан	C_3H_8	33—42
Сероводород	H_2S	Пропилен	C_3H_6	38
Сероводород	H_2S	Углерода двуокись	CO_2	34, 35
Сероводород	H_2S	Этан	C_2H_6	37
Сероуглерод	CS_2	Ацетон	C_3H_6O	508—512

Сероуглерод	CS_2	Бензол	C_6H_6	522, 523
Сероуглерод	CS_2	Бутил хлористый изо	C_4H_9Cl	515, 516
Сероуглерод	CS_2	Кислота укученой нитрин	C_2H_3N	507
Сероуглерод	CS_2	Метил йодистый	CH_3I	505
Сероуглерод	CS_2	Метилаль	$C_3H_5O_2$	513, 514
Сероуглерод	CS_2	Нитрометан	CH_3NO_2	504
Сероуглерод	CS_2	Пентан изо	C_5H_{12}	520, 521
Сероуглерод	CS_2	Спирт метиловый	CH_3O	505
Сероуглерод	CS_2	Триэтиламин	$C_6H_{15}N$	527
Сероуглерод	CS_2	Углерод четыреххлористый	CCl_4	504, 502
Сероуглерод	CS_2	Хлороформ	$CHCl_3$	503
Сероуглерод	CS_2	Циклогексан	C_6H_{12}	525, 526
Сероуглерод	CS_2	Эфир изосульфонианураваллиловый	$C_6H_4N_2SO_6$	524
Сероуглерод	CS_2	Эфир этиловый	$C_4H_{10}O$	517—519
Сероуглерод	CS_2	Азот	N_2	116, 117
Серы двуокись	SO_2	Вода	H_2O	224
Серы двуокись	SO_2	Метан	CH_4	170
Серы двуокись	SO_2	Вода	H_2O	225
Серы трехокись	SO_3	Кислота хлорсульфоновая	HSO_3Cl	172
Серы трехокись	SO_3	Вода	H_2O	331—333
Спирт аллиловый	C_3H_6O	Дихлорэтан	$C_2H_4Cl_2$	967
Спирт аллиловый	C_3H_6O	Спирт бутиловый вторичный	$C_4H_{10}O$	1123
Спирт аллиловый	C_3H_6O	Спирт пропловый изо	C_3H_8O	1413
Спирт аллиловый	C_3H_6O	Трихлорэтилен	C_2HCl_3	823
Спирт аллиловый	C_3H_6O	Углерод четыреххлористый	CCl_4	559
Спирт амилловый	$C_5H_{12}O$	Спирт метиловый	CH_3O	783
Спирт амилловый	$C_5H_{12}O$	Спирт этиловый	C_2H_5O	1051
Спирт амилловый активный	$C_5H_{12}O$	Спирт амилловый изо	$C_5H_{12}O$	1389, 1390
Спирт амилловый изо	$C_5H_{12}O$	Дихлорэтан	$C_2H_4Cl_2$	971
Спирт амилловый изо	$C_5H_{12}O$	Спирт амилловый активный	$C_5H_{12}O$	1389, 1390
Спирт амилловый изо	$C_5H_{12}O$	Спирт бутиловый	$C_4H_{10}O$	1295, 1296
Спирт амилловый изо	$C_5H_{12}O$	Спирт дихлорпропловый	$C_3H_6Cl_2$	1163
Спирт амилловый изо	$C_5H_{12}O$	Спирт метиловый	CH_3O	787
Спирт амилловый изо	$C_5H_{12}O$	Спирт пропловый	C_3H_8O	1194, 1195
Спирт амилловый изо	$C_5H_{12}O$	Спирт этиловый	C_2H_5O	1052, 1053
Спирт бензильловый	C_7H_8O	Бензол	C_6H_6	1460
Спирт бутиловый	$C_4H_{10}O$	Ацеталь, дигидрибутил ацеталь	$C_{10}H_{22}O_2$	1334
Спирт бутиловый	$C_4H_{10}O$	Ацетон	C_3H_6O	1123—1125

Компонент А		Компонент Б		МНФ таблиц
Наименование	Формула	Наименование	Формула	
Спирт бутиловый	$C_4H_{10}O$	Бензол	C_6H_6	1298—1300
Спирт бутиловый	$C_4H_{10}O$	Бутил бромистый	C_4H_9Br	1284
Спирт бутиловый	$C_4H_{10}O$	Вода	H_2O	392—398
Спирт бутиловый	$C_4H_{10}O$	Гептан	C_7H_{16}	1317, 1318
Спирт бутиловый	$C_4H_{10}O$	Диоксан	$C_8H_{16}O_2$	1269
Спирт бутиловый	$C_4H_{10}O$	Кислота уксусная	$C_2H_4O_2$	915
Спирт бутиловый	$C_4H_{10}O$	Нонан	C_9H_{20}	1332
Спирт бутиловый	$C_4H_{10}O$	Октан	C_8H_{18}	1328
Спирт бутиловый	$C_4H_{10}O$	Спирт амилловый изо	$C_5H_{12}O$	1295
Спирт бутиловый	$C_4H_{10}O$	Спирт бутиловый изо	$C_4H_{10}O$	1292
Спирт бутиловый	$C_4H_{10}O$	Спирт метиловый	CH_3O	770, 771
Спирт бутиловый	$C_4H_{10}O$	Спирт пропиловый	C_3H_8O	1188
Спирт бутиловый	$C_4H_{10}O$	Спирт эгилловый	C_2H_6O	1038—1040
Спирт бутиловый	$C_4H_{10}O$	Тетрацидронафалин	$C_{10}H_{12}$	1333
Спирт бутиловый	$C_4H_{10}O$	Толуол	C_7H_8	1344, 1342
Спирт бутиловый	$C_4H_{10}O$	Углерод четыреххлористый	Cl_4	574, 572
Спирт бутиловый	$C_4H_{10}O$	Хлороформ	$CHCl_3$	656, 651
Спирт бутиловый	$C_4H_{10}O$	Циклогексан	C_6H_{12}	1305
Спирт бутиловый	$C_4H_{10}O$	Этилбензол	C_8H_{10}	1319
Спирт бутиловый	$C_4H_{10}O$	Этиленхлоридрин	C_2H_5ClO	998
Спирт бутиловый	$C_4H_{10}O$	Эфир акриловобутиловый	$C_7H_{12}O_2$	1345, 1346
Спирт бутиловый	$C_4H_{10}O$	Эфир бутиловый	$C_8H_{18}O$	1332, 1330
Спирт бутиловый	$C_4H_{10}O$	Эфир маслянобутиловый	$C_8H_{18}O_2$	1326
Спирт бутиловый	$C_4H_{10}O$	Эфир монобутиловый этиленгликоля	$C_6H_{14}O_2$	1308
Спирт бутиловый	$C_4H_{10}O$	Эфир оксиацетилацетиловый	$C_5H_{10}O_3$	1327
Спирт бутиловый	$C_4H_{10}O$	Эфир уксуснобутиловый	$C_6H_{12}O_2$	1306, 1307
Спирт бутиловый	$C_4H_{10}O$	Эфир этиловый	$C_4H_{10}O$	1293
Спирт бутиловый	$C_4H_{10}O$	Бензол	C_6H_6	1301
Спирт бутиловый	$C_4H_{10}O$	Вода	H_2O	399—401
Спирт бутиловый	$C_4H_{10}O$	Дихлорэтан	$C_2H_4Cl_2$	970
Спирт бутиловый	$C_4H_{10}O$	Ксилол	C_8H_{10}	1320—1325

Спирт бутиловый изо	$C_4H_{10}O$	Спирт амилловый изо	$C_5H_{12}O$	1296
Спирт бутиловый	$C_4H_{10}O$	Спирт бутиловый	$C_4H_{10}O$	1292
Спирт бутиловый изо	$C_4H_{10}O$	Спирт метиловый	CH_4O	772, 773
Спирт бутиловый изо	$C_4H_{10}O$	Спирт проиловый	C_3H_8O	1189, 1190
Спирт бутиловый изо	$C_4H_{10}O$	Спирт этиловый	C_2H_6O	104
Спирт бутиловый изо	$C_4H_{10}O$	Тетраклорэтан	$C_2H_2Cl_4$	851
Спирт бутиловый изо	$C_4H_{10}O$	Толуол	C_7H_8	1343
Спирт бутиловый изо	$C_4H_{10}O$	Этилхлоридрин	C_2H_5ClO	959
Спирт бутиловый изо	$C_4H_{10}O$	Эфир моноэобутиловый этиленгли- коля	$C_6H_{14}O_2$	1369
Спирт бутиловый вторичный	$C_4H_{10}O$	Бензол	C_6H_6	1302
Спирт бутиловый вторичный	$C_4H_{10}O$	Вода	H_2O	402—404
Спирт бутиловый вторичный	$C_4H_{10}O$	Кислота масляная изо	$C_4H_8O_2$	1268
Спирт бутиловый вторичный	$C_4H_{10}O$	Метилацетон	C_4H_8O	1237
Спирт бутиловый вторичный	$C_4H_{10}O$	Спирт аллиловый	C_3H_6O	1158
Спирт бутиловый вторичный	$C_4H_{10}O$	Спирт этиловый	C_2H_5O	1032
Спирт бутиловый третичный	$C_4H_{10}O$	Бензол	C_6H_6	1303
Спирт бутиловый третичный	$C_4H_{10}O$	Вода	H_2O	405
Спирт бутиловый третичный	$C_4H_{10}O$	Нитробензол	$C_6H_5NO_2$	1257
Спирт тексильный	$C_6H_{14}O$	Спирт октиловый	$C_8H_{18}O$	1564
Спирт тексильный	$C_6H_{14}O$	Циклогексанон	$C_6H_{10}O$	1523
Спирт тексильный	$C_6H_{14}O$	Вода	H_2O	451
Спирт драгесный	$C_6H_{12}O_2$	Спирт амилловый изо	$C_5H_{12}O$	1169
Спирт дихлорпропиловый	$C_3H_6Cl_2$	Альдегид муравьиный	CH_2O	669
Спирт метиловый	CH_4O	Ацетон	C_3H_6O	733
Спирт метиловый	CH_4O	Бензол	C_6H_6	742—751
Спирт метиловый	CH_4O	Бромформ	$CHBr_3$	789—798
Спирт метиловый	CH_4O	Вода	H_2O	667
Спирт метиловый	CH_4O	Водород	H_2	247—264
Спирт метиловый	CH_4O	Гексан	C_6H_{14}	12
Спирт метиловый	CH_4O	Гептан	C_7H_{16}	803, 804
Спирт метиловый	CH_4O	Декал	$C_{10}H_{22}$	840
Спирт метиловый	CH_4O	Диметилформамид	C_3H_7NO	841
Спирт метиловый	CH_4O	Диоксан	$C_4H_8O_2$	755, 756
Спирт метиловый	CH_4O	Дихлорэтан	$C_2H_4Cl_2$	769
Спирт метиловый	CH_4O	Дихлорэтилен	$C_2H_2Cl_2$	735, 736
Спирт метиловый	CH_4O	Изопрен	C_5H_8	730, 731
				775—777

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Спирт метиловый	CH_4O	Кислота уксусная	$\text{C}_2\text{H}_4\text{O}_2$	734
Спирт метиловый	CH_4O	Кислоты уксусной нитрил	$\text{C}_2\text{H}_3\text{N}$	732
Спирт метиловый	CH_4O	Метилэтибутилкетон	$\text{C}_6\text{H}_{12}\text{O}$	801
Спирт метиловый	CH_4O	Метилкарбитол	$\text{C}_5\text{H}_{12}\text{O}_3$	788
Спирт метиловый	CH_4O	Метилпентан	C_6H_{14}	805, 806
Спирт метиловый	CH_4O	Метилпропилкетон	$\text{C}_5\text{H}_{10}\text{O}$	783
Спирт метиловый	CH_4O	Метилцеллозольв	$\text{C}_5\text{H}_8\text{O}_2$	760, 761
Спирт метиловый	CH_4O	Метилциклопентан	C_6H_{12}	800
Спирт метиловый	CH_4O	Метилэтилкетон	$\text{C}_4\text{H}_8\text{O}$	763, 764
Спирт метиловый	CH_4O	Метилэтилэтилен	C_5H_{10}	782
Спирт метиловый	CH_4O	Метилен хлористый	CH_2Cl_2	681
Спирт метиловый	CH_4O	Нитрометан	CH_3NO_2	68, 688
Спирт метиловый	CH_4O	Пентан	C_5H_{12}	784
Спирт метиловый	CH_4O	Пентан изо	C_5H_{12}	785
Спирт метиловый	CH_4O	Пентен	C_5H_{10}	780
Спирт метиловый	CH_4O	Пиперил	C_5H_8	778
Спирт метиловый	CH_4O	Соролглерод	CS_2	506
Спирт метиловый	CH_4O	Спирт амидовый	$\text{C}_5\text{H}_{12}\text{O}$	786
Спирт метиловый	CH_4O	Спирт амидовый изо	$\text{C}_5\text{H}_{12}\text{O}$	787
Спирт метиловый	CH_4O	Спирт бутиловый	$\text{C}_4\text{H}_{10}\text{O}$	770, 771
Спирт метиловый	CH_4O	Спирт бутиловый изо	$\text{C}_4\text{H}_{10}\text{O}$	772, 773
Спирт метиловый	CH_4O	Спирт пропилловый	$\text{C}_3\text{H}_8\text{O}$	757
Спирт метиловый	CH_4O	Спирт пропиловый изо	$\text{C}_3\text{H}_8\text{O}$	758, 759
Спирт метиловый	CH_4O	Спирт этиловый	$\text{C}_2\text{H}_6\text{O}$	738—740
Спирт метиловый	CH_4O	Тетрагидрофуран	$\text{C}_4\text{H}_8\text{O}$	765
Спирт метиловый	CH_4O	Толуол	C_7H_8	807—809
Спирт метиловый	CH_4O	Триметилэтилен	C_6H_{10}	781
Спирт метиловый	CH_4O	Трихлорэтилен	C_2HCl_3	729
Спирт метиловый	CH_4O	Углерод четыреххлористый	CCl_4	538—541
Спирт метиловый	CH_4O	Фурифул	$\text{C}_5\text{H}_4\text{O}_2$	774
Спирт метиловый	CH_4O	Хлороформ	CHCl_3	616—622
Спирт метиловый	CH_4O	Этан	C_2H_6	737

Спирт метиловый	CH_4O	Этилметилкеталь	$\text{C}_2\text{H}_5\text{O}_2$	741
Спирт метиловый	CH_4O	Эфир борнометиловый	$\text{C}_2\text{H}_5\text{BO}_3$	765
Спирт метиловый	CH_4O	Эфир изосульфоновурованилиловый	$\text{C}_6\text{H}_4\text{N}_3\text{SO}_6$	799
Спирт метиловый	CH_4O	Эфир метакрилового метилового	$\text{C}_6\text{H}_4\text{O}_2$	779
Спирт метиловый	CH_4O	Эфир уксуснобутиловый	$\text{C}_6\text{H}_{12}\text{O}_2$	803
Спирт метиловый	CH_4O	Эфир уксуснометиловый	$\text{C}_2\text{H}_4\text{O}_2$	752—754
Спирт метиловый	CH_4O	Эфир уксусноэтиловый	$\text{C}_4\text{H}_8\text{O}_2$	766—768
Спирт октиловый	$\text{C}_8\text{H}_{20}\text{O}$	Кетол	$\text{C}_8\text{H}_{10}\text{O}$	1688, 1689
Спирт октиловый	$\text{C}_8\text{H}_{18}\text{O}$	Спирт гексиловый	$\text{C}_6\text{H}_{14}\text{O}$	1584
Спирт октиловый	$\text{C}_8\text{H}_{18}\text{O}$	Бензол	C_6H_6	1197—1202
Спирт октиловый	$\text{C}_8\text{H}_{18}\text{O}$	Вода	H_2O	346—354
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Гексан	C_6H_{14}	1211
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Дихлорэтан	$\text{C}_2\text{H}_4\text{Cl}_2$	968
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Кислота уксусная	$\text{C}_2\text{H}_4\text{O}_2$	899
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Нитрометан	$\text{C}_2\text{H}_5\text{NO}_2$	693
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт амилловый изо	$\text{C}_5\text{H}_{12}\text{O}$	1194, 1195
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт бутиловый	$\text{C}_4\text{H}_{10}\text{O}$	1188
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт бутиловый изо	$\text{C}_4\text{H}_{10}\text{O}$	1189
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт метиловый	CH_4O	757
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт пропильный изо	$\text{C}_3\text{H}_8\text{O}$	1186
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт этиловый	$\text{C}_2\text{H}_6\text{O}$	1026, 1027
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирол	C_8H_8	1215
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Толуол	C_7H_8	1243
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Углерод четыреххлористый	CCl_4	562, 563
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Циклогексан	C_6H_{12}	1206, 1207
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Этилбензол	C_8H_{10}	1216
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Эфир уксуснопропиловый	$\text{C}_5\text{H}_{10}\text{O}_2$	1192, 1193
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Ацетон	$\text{C}_3\text{H}_6\text{O}$	1117, 1118
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Бензол	C_6H_6	1203—1205
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Вода	H_2O	352—357
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Диоксан	$\text{C}_4\text{H}_8\text{O}_2$	1187
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Дихлорпропилен	$\text{C}_3\text{H}_4\text{Cl}_2$	1107
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Метилэтилкетон	$\text{C}_6\text{H}_{12}\text{O}$	1210
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Метилпропилкетон	$\text{C}_5\text{H}_{10}\text{O}$	1191
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Нитрометан	$\text{C}_2\text{H}_5\text{NO}_2$	694
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Октан	C_8H_{18}	1218
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт аллиловый	$\text{C}_3\text{H}_6\text{O}$	1119
Спирт пропильный	$\text{C}_3\text{H}_8\text{O}$	Спирт бутиловый изо	$\text{C}_4\text{H}_{10}\text{O}$	1190

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Спирт пропиловый изо	C_3H_8O	Спирт метиловый	CH_4O	758, 759
Спирт пропиловый изо	C_3H_8O	Спирт пропиловый	C_3H_8O	1186
Спирт пропиловый изо	C_3H_8O	Спирт этиловый	C_2H_6O	1028—1030
Спирт пропиловый изо	C_3H_8O	Толуол	C_7H_8	1214
Спирт пропиловый изо	C_3H_8O	Триметиленган	C_3H_{18}	1219
Спирт пропиловый изо	C_3H_8O	Углерод четыреххлористый	CCl_4	564, 565
Спирт пропиловый изо	C_3H_8O	Циклогексан	C_6H_{12}	1208, 1209
Спирт пропиловый изо	C_3H_8O	Этилциклопекан	C_8H_{16}	1217
Спирт пропиловый изо	C_3H_8O	Эфир изопропиловый	$C_6H_{14}O$	1212
Спирт пропиловый изо	C_3H_8O	Эфир монопропиловый этиленгли- коля	$C_5H_{12}O_2$	1496
Спирт тетрагидрофуриловый	$C_4H_{10}O^2$	Ксилол	C_8H_{10}	1379, 1380
Спирт тетрадециловый	$C_{14}H_{30}O$	Крезол	C_7H_8O	1644, 1642
Спирт ундециловый	$C_{11}H_{24}O$	Метилнафталин	$C_{11}H_{10}$	1730
Спирт ундециловый изо	$C_{11}H_{24}O$	Метилнафталин	$C_{11}H_{10}$	1731, 1732
Спирт фурфуриловый	$C_5H_6O_2$	Фурфурол	$C_5H_4O_2$	1352, 1353
Спирт циклогексильный	$C_6H_{12}O$	Анилин	C_6H_7N	1518
Спирт циклогексильный	$C_6H_{12}O$	Вода	H_2O	450
Спирт циклогексильный	$C_6H_{12}O$	Фенол	C_6H_6O	1495
Спирт циклогексильный	$C_6H_{12}O$	Циклогексан	C_6H_{12}	1550, 1551
Спирт циклогексильный	$C_6H_{12}O$	Циклогексанон	$C_6H_{10}O$	1540—1542
Спирт циклогексильный	$C_6H_{12}O$	Циклогексилантин	$C_6H_{13}N$	1573
Спирт этиловый	C_2H_6O	Альдегид уксусный	C_2H_4O	884
Спирт этиловый	C_2H_6O	Анилин	C_6H_7N	1065
Спирт этиловый	C_2H_6O	Ацетон	C_3H_8O	1022—1025
Спирт этиловый	C_2H_6O	Бензол	C_6H_6	1054—1064
Спирт этиловый	C_2H_6O	Бромоформ	$CHBr_3$	668
Спирт этиловый	C_2H_6O	Вода	H_2O	296—310
Спирт этиловый	C_2H_6O	Гексан	C_6H_{14}	1070—1074
Спирт этиловый	C_2H_6O	Гептан	C_7H_{16}	1084—1087
Спирт этиловый	C_2H_6O	Декан	$C_{10}H_{22}$	1091

Спирт этиловый	C_2H_5O	Диоксан	$C_8H_8O_2$	1036, 1037
Спирт этиловый	C_2H_6O	Дихлорэтан	$C_2H_4Cl_2$	963—965
Спирт этиловый	C_2H_6O	Дихлорэтилен	$C_2H_2Cl_2$	835, 835
Спирт этиловый	C_2H_6O	Кислота уксусная	$C_2H_4O_2$	892
Спирт этиловый	C_2H_6O	Кислоты уксусной нитрид	C_2H_3N	852
Спирт этиловый	C_2H_6O	Метилпропилкетон	$C_5H_{10}O$	1048, 1049
Спирт этиловый	C_2H_6O	Метилциклопентан	C_5H_{10}	1032, 1033
Спирт этиловый	C_2H_6O	Метилциклопентан	C_5H_{10}	1069
Спирт этиловый	C_2H_6O	Метилэтилкетон	C_6H_{12}	1031
Спирт этиловый	C_2H_6O	Октан изо	C_8H_{18}	1089
Спирт этиловый	C_2H_6O	Пентан	C_5H_{12}	1050
Спирт этиловый	C_2H_6O	Спирт амидовый	$C_5H_{12}O$	1051
Спирт этиловый	C_2H_6O	Спирт амидовый изо	$C_5H_{12}O$	1052, 1053
Спирт этиловый	C_2H_6O	Спирт бутиловый	$C_4H_{10}O$	1038—1040
Спирт этиловый	C_2H_6O	Спирт бутиловый изо	$C_4H_{10}O$	1041
Спирт этиловый	C_2H_6O	Спирт бутиловый вторичный	$C_4H_{10}O$	1042
Спирт этиловый	C_2H_6O	Спирт метиловый	CH_4O	738—740
Спирт этиловый	C_2H_6O	Спирт пропиловый	C_3H_8O	1026, 1027
Спирт этиловый	C_2H_6O	Спирт пропиловый изо	C_3H_8O	1028—1030
Спирт этиловый	C_2H_6O	Тетраэтилсилан	$C_8H_{20}Si$	1090
Спирт этиловый	C_2H_6O	Толуол	C_7H_8	1077—1081
Спирт этиловый	C_2H_6O	Трихлорэтилен	C_2HCl_3	818
Спирт этиловый	C_2H_6O	Триэтиламин	$C_6H_{15}N$	1076
Спирт этиловый	C_2H_6O	Углерод четыреххлористый	CCl_4	553—555
Спирт этиловый	C_2H_6O	Хлороформ	$CHCl_3$	528—531
Спирт этиловый	C_2H_6O	Целлозоль	$C_4H_{10}O_2$	1047
Спирт этиловый	C_2H_6O	Циклогексан	C_6H_{12}	1066—1068
Спирт этиловый	C_2H_6O	Этил бромистый	C_2H_5Br	1006
Спирт этиловый	C_2H_6O	Этил йодистый	C_2H_5I	1009
Спирт этиловый	C_2H_6O	Этилбензол	C_8H_{10}	1088
Спирт этиловый	C_2H_6O	Этилен	C_2H_4	874
Спирт этиловый	C_2H_6O	Эфир моноэтиловый, диэтиленгликоля	$C_6H_{14}O_3$	1075
Спирт этиловый	C_2H_6O	Эфир уксусноэтиловый	$C_4H_8O_2$	1032—1035
Спирт этиловый	C_2H_6O	Эфир этиловый	$C_4H_{10}O$	1043—1046
Спирт этиловый	C_2H_6O	Бутадиен	C_4H_6	1244
Спирт этиловый	C_2H_6O	Кислота уксусная	$C_2H_4O_2$	946
Спирт этиловый	C_2H_6O	Метилцеллозоль	$C_2H_4O_2$	1227
Спирт этиловый	C_2H_6O	Спирт пропиловый	C_3H_8O	1215

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Спирол	C_8H_8	Целлозольв	$C_4H_{10}O_2$	1338
Спирол	C_8H_8	Этилбензол	C_8H_{10}	1670—1676
Сульфурил хлористый	SO_2Cl_2	Тетрахлорэтан	$C_2H_2Cl_4$	171
Сульфурил хлористый	SO_2Cl_2	Титан четыреххлористый	$TiCl_4$	86
Сульфурил хлористый	SO_2Cl_2	Фосфора хлорид	$POCl_3$	151
Сульма этилхлористая	SbF_3	Водород фтористый	HF	46
Сульма греохлористая	$SbCl_3$	Кремний четыреххлористый	$SiCl_4$	73
Тантал этилхлористый	$TaCl_5$	Алюминий хлористый	$AlCl_3$	67
Тантал этилхлористый	$TaCl_5$	Железо треххлористое	$FeCl_3$	154
Тантал этилхлористый	$TaCl_5$	Еиобий пятихлористый	$NbCl_5$	152
Тантал этилхлористый	$TaCl_5$	Титан четыреххлористый	$TiCl_4$	84
Терпинол	$C_{10}H_{16}$	Пинен	$C_{10}H_{16}$	1719
Тетрагидронафталин	$C_{10}H_{12}$	Спирт бутиловый	$C_4H_{10}O$	1333
Тетрагидрофуран	C_4H_8O	Дихлорэтилен	$C_2H_2Cl_2$	847, 848
Тетрагидрофуран	C_4H_8O	Спирт метиловый	CH_4O	765
Тетрадекан	$C_{14}H_{30}$	Гексадецен	$C_{16}H_{32}$	1752, 1753
Тетрадекан	$C_{14}H_{30}$	Еафталин	$C_{10}H_8$	1702, 1703
Тетрахлорэтан	$C_2H_2Cl_4$	Тетрахлорэтан	$C_2H_2Cl_4$	1374
Тетрахлорэтан	$C_2H_2Cl_4$	Тетрахлорэтан	$C_2H_2Cl_4$	1374
Тетрахлорэтан	$C_2H_2Cl_4$	Тетрахлорпропан	$C_3H_4Cl_4$	1408
Тетрахлорэтан	$C_2H_2Cl_4$	Тетрахлорэтан	$C_2H_2Cl_4$	1108
Тетрахлорэтан	$C_2H_2Cl_4$	Спирт метиловый изо	$C_4H_{10}O$	851
Тетрахлорэтан	$C_2H_2Cl_4$	Сульфурил хлористый	SO_2Cl_2	171
Тетрахлорэтан	$C_2H_2Cl_4$	Титан четыреххлористый	$TiCl_4$	91
Тетрахлорэтан	$C_2H_2Cl_4$	Фосген	$COCl_2$	471
Тетрахлорэтан	$C_2H_2Cl_4$	Бензол	C_6H_6	815
Тетрахлорэтан	$C_2H_2Cl_4$	Трихлорэтилен	C_2HCl_3	814
Тетрахлорэтан	$C_2H_2Cl_4$	Углерод четыреххлористый	CCl_4	542
Тетрахлорэтан	$C_2H_2Cl_4$	Ацетон	C_3H_6O	1459
Тетрахлорэтан	$C_2H_2Cl_4$	Бензол	C_6H_6	1487
Тетрахлорэтан	$C_2H_2Cl_4$	Спирт этиловый	C_2H_5O	1090

Тиазол	C_4H_3NS	Вода	H_2O	316
Тиопил хлористый	$SOCl_2$	Титан четыреххлористый	$TiCl_4$	85
Титан четыреххлористый	$TiCl_4$	Ванадия хлорокись	$VOCl_3$	83
Титан четыреххлористый	$TiCl_4$	Кислоты трихлоруксусной хлорангидрид	C_2OCl_4	90
Титан четыреххлористый	$TiCl_4$	Кислоты хлоруксусной хлорангидрид	$C_2H_2OCl_3$	92
Титан четыреххлористый	$TiCl_4$	Кремний четыреххлористый	$SiCl_4$	69, 70
Титан четыреххлористый	$TiCl_4$	Олово четыреххлористое	$SnCl_4$	81
Титан четыреххлористый	$TiCl_4$	Сульфурил хлористый	SO_2Cl_2	86
Титан четыреххлористый	$TiCl_4$	Тантал пятихлористый	$TaCl_5$	84
Титан четыреххлористый	$TiCl_4$	Тетрахлорэтан	$C_2H_2Cl_4$	91
Титан четыреххлористый	$TiCl_4$	Тионил хлористый	$SOCl_2$	85
Титан четыреххлористый	$TiCl_4$	Углерод четыреххлористый	CCl_4	87—89
Титан четыреххлористый	$TiCl_4$	Фосфора хлорокись	$POCl_3$	82
Толулендиизоцианат	$C_6H_5N_2C_2$	Трихлорбензол	$C_6H_3Cl_3$	1397
Толулендиизоцианат	$C_6H_5N_2C_2$	Хлорбензол	C_6H_5Cl	1442
Толуол	C_6H_8	Альдегид уксусный	C_2H_4O	889
Толуол	C_6H_8	Анилин	C_6H_7N	1520, 1524
Толуол	C_6H_8	Апетон	C_3H_6O	1155, 1456
Толуол	C_6H_8	Бензил хлористый	C_7H_7Cl	1599
Толуол	C_6H_8	Бензол	C_6H_6	1453—1458
Толуол	C_6H_8	Винилацетилен	C_4H_4	1238
Толуол	C_6H_8	Гексан	C_6H_{14}	1577—1579
Толуол	C_6H_8	Гептан	C_7H_{16}	1606—1613
Толуол	C_6H_8	Диоксан	$C_4H_8O_2$	1278
Толуол	C_6H_8	Дихлорэтан	$C_2H_4Cl_2$	982—985
Толуол	C_6H_8	Диэтиленгликоль	$C_4H_{10}O_2$	1343
Толуол	C_6H_8	Кислота уксусная	$C_2H_4O_2$	936—939
Толуол	C_6H_8	Крезол	C_7H_8O	1600
Толуол	C_6H_8	Метан	CH_4	726
Толуол	C_6H_8	Метилциклопексан	C_7H_{14}	1601—1605
Толуол	C_6H_8	Метилциклопентан	C_6H_{12}	1563
Толуол	C_6H_8	Метилтилкетон	C_4H_8O	1266
Толуол	C_6H_8	Октан	C_8H_{18}	1615—1617
Толуол	C_6H_8	Октан изо	C_8H_{18}	1618
Толуол	C_6H_8	Пропан	C_3H_8	1185
Толуол	C_6H_8	Спирт бутиловый	$C_4H_{10}O$	1311, 1312

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Толуол	C_7H_8	Спирт бутиловый изо	$C_4H_{10}O$	1313
Толуол	C_7H_8	Спирт метиловый	CH_4O	807—809
Толуол	C_7H_8	Спирт пропиловый	C_3H_8O	1213
Толуол	C_7H_8	Спирт пропиловый нео	C_3H_8O	1214
Толуол	C_7H_8	Спирт этиловый	C_2H_6O	1077—1081
Толуол	C_7H_8	Триметиленгепан	C_3H_{18}	1621—1623
Толуол	C_7H_8	Трихлорэтилен	C_2HCl_3	828
Толуол	C_7H_8	Углерод четыреххлористый	CCl_4	597—599
Толуол	C_7H_8	Фенол	C_6H_6O	1498
Толуол	C_7H_8	Фосген	$COCl_2$	477
Толуол	C_7H_8	Фурфурол	$C_5H_4O_2$	1356, 1357
Толуол	C_7H_8	Хлороформ	$CHCl_3$	663—665
Толуол	C_7H_8	Циклогексан	C_6H_{12}	1558—1562
Толуол	C_7H_8	Циклогексанон	$C_6H_{12}O$	1544
Толуол	C_7H_8	Этилбензол	C_8H_{10}	1614
Толуол	C_7H_8	Этиленхлоргидрин	C_2H_4ClO	4003
Толуол	C_7H_8	Эфир уксусноэтиловый	$C_4H_8O_2$	1279
Толуол	C_7H_8	Дициклогексил	$C_{12}H_{22}$	1737
Тридекан	$C_{13}H_{28}$	Бензол	C_6H_6	1478, 1479
Триметилбутан	C_7H_{16}	Диметилпентан	C_7H_{16}	1665
Триметилбутан	C_7H_{16}	Циклогексан	C_6H_{12}	1570
Триметилбутан	C_7H_{16}	Этилбензол	C_8H_{10}	1687
Триметилгексан	C_9H_{20}	Октаметилтетрациклооктосилан	$C_8H_{24}Cl_4Si_4$	1695
Триметил-диметилтрисилокан	$C_8H_{24}O_2Si_3$	Бензол	C_6H_6	1486
Триметилпентан	C_8H_{18}	Водород	H_2	28, 29
Триметилпентан	C_8H_{18}	Дихлорэтан	$C_2H_4Cl_2$	987
Триметилпентан	C_8H_{18}	Метилциклогексан	C_7H_{14}	1661—1663
Триметилпентан	C_8H_{18}	Октан	C_8H_{18}	1694
Триметилпентан	C_8H_{18}	Перфторгептан	C_7F_{18}	1594
Триметилпентан	C_8H_{18}	Спирт пропиловый нео	C_3H_8O	1219
Триметилпентан	C_8H_{18}	Толуол	C_7H_8	1621—1623
Триметилхлорсилан	C_3H_9SiCl	Кислоты уксусной нитрил	C_2H_3N	857

Триметилацетилбензол	C_9H_9SiCl	Крепкий четырехлористый	$SiCl_4$	79, 80
Триметилацетилбензол	C_9H_9SiCl	Метилтрихлорсилан	CH_3SiCl_3	686
Триметилацетилбензол	C_9H_{10}	Ацетон	C_3H_6O	1433
Триметилацетилбензол	C_9H_{10}	Диметилформамид	C_2H_5NO	1474
Триметилацетилбензол	C_9H_{10}	Изопрен	C_5H_8	1372
Триметилацетилбензол	C_9H_{10}	Кислоты уксусной нитрил	C_2H_3N	862
Триметилацетилбензол	C_9H_{10}	Метилэтилэтилен	C_4H_9	1375
Триметилацетилбензол	C_9H_{10}	Нитрометан	CH_3NO_2	699
Триметилацетилбензол	C_9H_{10}	Пентан изо	C_5H_{12}	1376
Триметилацетилбензол	C_9H_{10}	Перфторэтилэтиламин	$C_6F_{15}N$	1377
Триметилацетилбензол	C_9H_{10}	Спирт метиловый	CH_4O	781
Триметилацетилбензол	C_9H_{10}	Эфир муравьинометиловый	$C_2H_4O_2$	949
Триметилацетилбензол	C_9H_{10}	Перфторгексан	C_6F_{14}	1393
Триперфторобутилэтиламин	$C_{12}F_{27}N$	Брои	Br_2	185
Трифторотолуол	$C_6H_5F_3$	Брои	Br_2	181
Трифторбензол	$C_6H_3F_3$	Гексан	C_6H_{14}	1396
Трихлорбензол	$C_6H_3Cl_3$	Толуилентдизоцанат	$C_6H_6N_2O_2$	1397
Трихлорбензол	$C_6H_3Cl_3$	Фосген	$COCl_2$	474
Трихлорбензол	$C_6H_3Cl_3$	Гептан	C_7H_{16}	1234
Трихлорбензолафторбутан	$C_4Cl_3F_7$	Дихлоргексафторциклопентан	$C_5Cl_2F_6$	1233
Трихлорбензолафторбутан	$C_4Cl_3F_7$	Перфторциклооктана омись	$C_8F_{16}O$	1235
Трихлорпропан	$C_3H_3Cl_3$	Энхлоргирин	C_3H_5OCl	1440
Трихлорпропан	$C_3H_3Cl_3$	Эфир уксуснобутиловый	$C_6H_{12}O_2$	1441
Трихлорэтан	$C_2H_2Cl_2$	Ацетон	C_3H_6O	867
Трихлорэтан	$C_2H_2Cl_2$	Дихлорэтан	$C_2H_4Cl_2$	866
Трихлорэтан	$C_2H_2Cl_2$	Углерод четырехлористый	CCl_4	545
Трихлорэтилбен	$C_8H_7Cl_3$	Ацетон	C_3H_6O	819
Трихлорэтилбен	$C_8H_7Cl_3$	Бензол	C_6H_6	823—825
Трихлорэтилбен	$C_8H_7Cl_3$	Гептан	C_7H_{16}	829
Трихлорэтилбен	$C_8H_7Cl_3$	Кислота уксусная	$C_2H_4O_2$	817
Трихлорэтилбен	$C_8H_7Cl_3$	Кислоты уксусной нитрил	C_2H_3N	816
Трихлорэтилбен	$C_8H_7Cl_3$	Метилэтилкетон	C_4H_8O	821
Трихлорэтилбен	$C_8H_7Cl_3$	Нитрометан	CH_3NO_2	689
Трихлорэтилбен	$C_8H_7Cl_3$	Спирт аллиловый	C_3H_6O	820
Трихлорэтилбен	$C_8H_7Cl_3$	Спирт метиловый	CH_4O	729
Трихлорэтилбен	$C_8H_7Cl_3$	Спирт этиловый	C_2H_6O	818
Трихлорэтилбен	$C_8H_7Cl_3$	Тетрахлорэтилен	C_2Cl_4	814
Трихлорэтилбен	$C_8H_7Cl_3$	Толуол	C_7H_8	828

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Трихлорэтилен	C_2HCl_3	Углерод четыреххлористый	CCl_4	543
Трихлорэтилен	C_2HCl_3	Фосген	$COCl_2$	470
Трихлорэтилен	C_2HCl_3	Циклогексан	C_6H_{12}	826, 827
Трихлорэтилен	C_2HCl_3	Эфир уксусноэтиловый	$C_4H_8O_2$	822
Триэтиламин	$C_6H_{15}N$	Вода	H_2O	457, 458
Триэтиламин	$C_6H_{15}N$	Диэтиламин	$C_4H_{11}N$	1347
Триэтиламин	$C_6H_{15}N$	Кислота уксусная	$C_2H_4O_2$	935
Триэтиламин	$C_6H_{15}N$	Мезитилен	C_9H_{12}	1592
Триэтиламин	$C_6H_{15}N$	Сероуглерод	CS_2	527
Триэтиламин	$C_6H_{15}N$	Спирт этиловый	C_2H_6O	1076
Триэтиламин	$C_6H_{15}N$	Фенол	C_6H_6O	1497
Триэтиламин	$C_6H_{15}N$	Эфир этиловый	$C_4H_{10}O$	1310
Триэтиламин	$C_6H_{15}N$	Вода	H_2O	456
Триэтиламин	$C_6H_{15}N$	Азот	N_2	123
Триэтилентглицоль	$C_6H_{14}O_4$	Альдегид уксусный	C_2H_4O	484
Углерода двуокись	CO_2	Бензол	C_6H_6	497
Углерода двуокись	CO_2	Бутан	C_4H_{10}	492—494
Углерода двуокись	CO_2	Вода	H_2O	229
Углерода двуокись	CO_2	Декан	$C_{10}H_{22}$	499
Углерода двуокись	CO_2	Дифтордихлорметан	CF_2Cl_2	480
Углерода двуокись	CO_2	Метан	CH_4	481
Углерода двуокись	CO_2	Пентан	C_5H_{12}	496
Углерода двуокись	CO_2	Природного газа конденсат	—	500
Углерода двуокись	CO_2	Пропан	C_3H_8	488—491
Углерода двуокись	CO_2	Пропилен	C_3H_6	485, 486
Углерода двуокись	CO_2	Сероводород	H_2S	34, 35
Углерода двуокись	CO_2	Циклогексан	C_6H_{12}	498
Углерода двуокись	CO_2	Циклопропан	C_3H_6	487
Углерода двуокись	CO_2	Этилен	C_2H_4	482, 483
Углерода двуокись	CO_2	Эфир этиловый	$C_4H_{10}O$	495
Углерода окись	CO	Азот	N_2	121, 122
Углерода окись	CO	Водород	H_2	8

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Углерод четыреххлористый	CCl_4	Эфир уксусноэтиловый	$\text{C}_4\text{H}_8\text{O}_2$	567—570
Углерод четыреххлористый	CCl_4	Эфир этиловый	$\text{C}_4\text{H}_{10}\text{O}$	573, 574
Уран пестифтористый	UF_6	Бром пестифтористый	BrF_5	177
Уран пестифтористый	UF_6	Борол фтористый	BF_3	47
Уран пестифтористый	UF_6	Хлор трехфтористый	ClF_3	176
Фенантрин	$\text{C}_{14}\text{H}_{10}$	Гексадекан	$\text{C}_{16}\text{H}_{34}$	1748
Фенантрин	$\text{C}_{14}\text{H}_{10}$	Дибензил	$\text{C}_{14}\text{H}_{14}$	1747
Фенилидразин	$\text{C}_6\text{H}_8\text{N}_2$	Вода	H_2O	447
Фенол	$\text{C}_6\text{H}_6\text{O}$	Ацетофенон	$\text{C}_8\text{H}_8\text{O}$	1504, 1505
Фенол	$\text{C}_6\text{H}_6\text{O}$	Бензол	C_6H_6	1416
Фенол	$\text{C}_6\text{H}_6\text{O}$	Бутилбензол	$\text{C}_{10}\text{H}_{14}$	1512
Фенол	$\text{C}_6\text{H}_6\text{O}$	Вода	H_2O	433—438
Фенол	$\text{C}_6\text{H}_6\text{O}$	Крезол	$\text{C}_7\text{H}_8\text{O}$	1499—1501
Фенол	$\text{C}_6\text{H}_6\text{O}$	Кумол	C_9H_{12}	1510
Фенол	$\text{C}_6\text{H}_6\text{O}$	Лутидин	$\text{C}_7\text{H}_9\text{N}$	1502
Фенол	$\text{C}_6\text{H}_6\text{O}$	Метилстирол	C_9H_{10}	1507
Фенол	$\text{C}_6\text{H}_6\text{O}$	Метилциклогексан	C_7H_{14}	1503
Фенол	$\text{C}_6\text{H}_6\text{O}$	Метилэтилкетон	$\text{C}_4\text{H}_8\text{O}$	1262
Фенол	$\text{C}_6\text{H}_6\text{O}$	Ионан изо	C_9H_{20}	1511
Фенол	$\text{C}_6\text{H}_6\text{O}$	Октан изо	C_8H_{18}	1506
Фенол	$\text{C}_6\text{H}_6\text{O}$	Пиколон	$\text{C}_6\text{H}_7\text{N}$	1483, 1494
Фенол	$\text{C}_6\text{H}_6\text{O}$	Пропилбензол изо	C_9H_{12}	1508, 1509
Фенол	$\text{C}_6\text{H}_6\text{O}$	Спирт циклогексилловый	$\text{C}_6\text{H}_{12}\text{O}$	1495
Фенол	$\text{C}_6\text{H}_6\text{O}$	Толуол	C_7H_8	1498
Фенол	$\text{C}_6\text{H}_6\text{O}$	Триэтиламин	$\text{C}_6\text{H}_{15}\text{N}$	1497
Фенол	$\text{C}_6\text{H}_6\text{O}$	Углерод четыреххлористый	CCl_4	589, 590
Фенол	$\text{C}_6\text{H}_6\text{O}$	Хлорбензол	$\text{C}_6\text{H}_5\text{Cl}$	1408
Фенол	$\text{C}_6\text{H}_6\text{O}$	Этиленгликоль	$\text{C}_2\text{H}_6\text{O}_2$	1093
Фенол	$\text{C}_6\text{H}_6\text{O}$	Эфир уксуснобутиловый	$\text{C}_8\text{H}_{12}\text{O}_2$	1496
Фенол	$\text{C}_6\text{H}_6\text{O}$	Кислота уксусная	$\text{C}_2\text{H}_4\text{O}_2$	959
Фенхон	$\text{C}_{10}\text{H}_{16}\text{O}$	Бензол	C_6H_6	476
Фосген	CCl_2			

Фосген	COCl ₂	Дихлорэтан	C ₂ H ₄ Cl ₂	472, 473
Фосген	COCl ₂	Ксилол	C ₈ H ₁₀	478, 479
Фосген	COCl ₂	Тетрахлорэтан	C ₂ H ₂ Cl ₄	471
Фосген	COCl ₂	Толуол	C ₇ H ₈	477
Фосген	COCl ₂	Трихлорбензол	C ₆ H ₃ Cl ₃	474
Фосген	COCl ₂	Трихлорэтилен	C ₂ HCl ₃	470
Фосген	COCl ₂	Углерод четыреххлористый	CCl ₄	469
Фосген	COCl ₂	Хлорбензол	C ₆ H ₅ Cl	475
Фосген	COCl ₂	Кремний четыреххлористый	SiCl ₄	71
Фосфор	POCl ₃	Фосфора хлорид	POCl ₃	149
Фосфор	POCl ₃	Ванадия хлорид	VOCl ₃	150
Фосфор	POCl ₃	Кремний четыреххлористый	SiCl ₄	72
Фосфор	POCl ₃	Сульфурил хлорид	SO ₂ Cl ₂	151
Фосфор	POCl ₃	Титан четыреххлористый	TiCl ₄	82
Фосфор	POCl ₃	Фосфор треххлористый	PCl ₃	149
Фторбензол	C ₆ H ₅ F	Бензол	C ₆ H ₆	1404
Фтороформ	CHF ₃	Дифторметан	CH ₂ F ₂	610
Фтороформ	CHF ₃	Перфторэтан	C ₂ F ₆	611
Фурфурол	C ₅ H ₄ O ₂	Альдегид уксусный	C ₂ H ₄ O	887
Фурфурол	C ₅ H ₄ O ₂	Ацетон	C ₃ H ₆ O	1129
Фурфурол	C ₅ H ₄ O ₂	Бензол	C ₆ H ₆	1354
Фурфурол	C ₅ H ₄ O ₂	Бутан	C ₄ H ₁₀	1286
Фурфурол	C ₅ H ₄ O ₂	Бутан изо	C ₄ H ₁₀	1287
Фурфурол	C ₅ H ₄ O ₂	Бутилен	C ₄ H ₈	1252, 1253
Фурфурол	C ₅ H ₄ O ₂	Вода	H ₂ O	414—418
Фурфурол	C ₅ H ₄ O ₂	Гептан	C ₇ H ₁₆	1359
Фурфурол	C ₅ H ₄ O ₂	Кислота уксусная	C ₂ H ₄ O ₂	916
Фурфурол	C ₅ H ₄ O ₂	Метилфуран	C ₅ H ₆ O	1351
Фурфурол	C ₅ H ₄ O ₂	Метилциклогексан	C ₇ H ₁₄	1358
Фурфурол	C ₅ H ₄ O ₂	Октан изо	C ₈ H ₁₈	1360
Фурфурол	C ₅ H ₄ O ₂	Спирт метиловый	CH ₃ O	774
Фурфурол	C ₅ H ₄ O ₂	Спирт фурфуриловый	C ₅ H ₆ O ₂	1352, 1353
Фурфурол	C ₅ H ₄ O ₂	Толуол	C ₇ H ₈	1356, 1357
Фурфурол	C ₅ H ₄ O ₂	Углерод четыреххлористый	CCl ₄	575
Фурфурол	C ₅ H ₄ O ₂	Циклогексан	C ₆ H ₁₂	1270
Фурфурол	C ₅ H ₄ O ₂	Эфир уксусноэтиловый	C ₄ H ₈ O ₂	1270
Фурфурол	C ₅ H ₄ O ₂	Целлюлоза	C ₁₀ H ₉ N	1706
Хинальдин	C ₁₀ H ₉ N	Хинолин изо	C ₉ H ₇ N	1697

Компонент А		Компонент Б		№№ таблиц
Наименование	Формуле	Наименование	Формула	
Хинолин	C_9H_7N	Анлин	C_6H_7N	4535
Хинолин	C_9H_7N	Хинолин изо	C_9H_7N	1696
Хинолин изо	C_9H_7N	Хинальдин	$C_{10}H_9N$	1697
Хлор	Cl_2	Хинолин	C_9H_7N	1696
Хлор	Cl_2	Азота двуокись	N_2O_4	141
Хлор трихлористый	Cl_3	Нитрозил хлористый	$NOCl$	142
Хлор трихлористый	Cl_3	Водород фтористый	HF	48
Хлорбензол	C_6H_5Cl	Уран шестифтористый	UF_6	176
Хлорбензол	C_6H_5Cl	Анлин	C_6H_7N	1409
Хлорбензол	C_6H_5Cl	Ацетон	C_3H_6O	1138, 1139
Хлорбензол	C_6H_5Cl	Бензол	C_6H_6	1405—1407
Хлорбензол	C_6H_5Cl	Гексан	C_6H_{14}	1410
Хлорбензол	C_6H_5Cl	Дибромэтан	$C_2H_4Br_2$	991
Хлорбензол	C_6H_5Cl	Нитропропан	$C_3H_7NO_2$	1174
Хлорбензол	C_6H_5Cl	Толуиленидиэтиланат	$C_9H_6N_2O_2$	1412
Хлорбензол	C_6H_5Cl	Фенол	C_6H_6O	1408
Хлорбензол	C_6H_5Cl	Фосген	$COCl_2$	475
Хлорбензол	C_6H_5Cl	Этилбензол	C_8H_{10}	1411
Хлорбутадие	C_4H_5Cl	Дихлорбутен	$C_4H_6Cl_2$	1243
Хлорбутадие	C_4H_5Cl	Кислоты акриповой нитрил	C_3H_3N	1104
Хлорпропен	C_3H_5Cl	Метилвинилкетон	C_4H_6O	1242
Хлорпропен	C_3H_5Cl	Бутадиен	C_4H_6	1241
Хлорпропен	C_3H_5Cl	Винилацетиле	C_4H_6O	1236
Хлороформ	$CHCl_3$	Ацетон	C_3H_6O	632—644
Хлороформ	$CHCl_3$	Бензол	C_6H_6	654—657
Хлороформ	$CHCl_3$	Гексан	C_6H_{14}	661
Хлороформ	$CHCl_3$	Диметоксиметан	$C_2H_6O_2$	647
Хлороформ	$CHCl_3$	Дихлорметан	CH_2Cl_2	613
Хлороформ	$CHCl_3$	Дихлорэтан	$C_2H_4Cl_2$	626, 627
Хлороформ	$CHCl_3$	Кислота азотная	HNO_3	32
Хлороформ	$CHCl_3$	Кислота муравьиная	CH_2O_2	612

Хлороформ	CHCl_3	Кислота уксусная	$\text{C}_2\text{H}_4\text{O}_2$	624, 625
Хлороформ	CHCl_3	Метил йодистый	$\text{C}_2\text{H}_5\text{I}$	614, 615
Хлороформ	CHCl_3	Метилэтилобутылкетон	$\text{C}_6\text{H}_{12}\text{O}$	659
Хлороформ	CHCl_3	Метилэтилкетон	$\text{C}_4\text{H}_8\text{O}$	648
Хлороформ	CHCl_3	Сероуглерод	CS_2	503
Хлороформ	CHCl_3	Спирт бутиловый	$\text{C}_4\text{H}_{10}\text{O}$	550, 651
Хлороформ	CHCl_3	Спирт метиловый	CH_4O	316—622
Хлороформ	CHCl_3	Спирт этиловый	$\text{C}_2\text{H}_6\text{O}$	328—631
Хлороформ	CHCl_3	Толуол	C_7H_8	563—665
Хлороформ	CHCl_3	Углерод четыреххлористый	CCl_4	532, 533
Хлороформ	CHCl_3	Циклогексан	C_6H_{12}	658
Хлороформ	CHCl_3	Этилен	C_2H_4	623
Хлороформ	CHCl_3	Эфир изопропиловый	$\text{C}_6\text{H}_{14}\text{O}$	662
Хлороформ	CHCl_3	Эфир уксуснбутиловый	$\text{C}_6\text{H}_{12}\text{O}_2$	660
Хлороформ	CHCl_3	Эфир уксуснметиловый	$\text{C}_3\text{H}_6\text{O}_2$	645, 646
Хлороформ	CHCl_3	Эфир уксуснэтиловый	$\text{C}_4\text{H}_8\text{O}_2$	649
Хлороформ	CHCl_3	Эфир этиловый	$\text{C}_4\text{H}_{10}\text{O}$	652, 653
Хлороформ	CHCl_3	Вода	H_2O	406, 407
Целлозольв	$\text{C}_4\text{H}_{10}\text{O}_2$	Октан	C_8H_{18}	1342
Целлозольв	$\text{C}_6\text{H}_{10}\text{O}_2$	Спирт этиловый	$\text{C}_2\text{H}_6\text{O}$	1047
Целлозольв	$\text{C}_4\text{H}_{10}\text{O}_2$	Стирол	C_8H_8	1338
Целлозольв	$\text{C}_4\text{H}_{10}\text{O}_2$	Этилбензол	C_8H_{10}	1339, 1340
Целлозольв	$\text{C}_4\text{H}_{10}\text{O}_2$	Эфир моноэтиловый этиленгликоля	$\text{C}_6\text{H}_{14}\text{O}_3$	1337
Целлозольв	$\text{C}_4\text{H}_{10}\text{O}_2$	Эфир уксуснбутиловый	$\text{C}_6\text{H}_{12}\text{O}_2$	1336
Целлозольв	$\text{C}_4\text{H}_{10}\text{O}_2$	Водород цианистый	HCN	531
Целлозольв	C_6H_{12}	Анилин	$\text{C}_6\text{H}_7\text{N}$	1513—1517
Целлозольв	C_6H_{12}	Апетон	$\text{C}_3\text{H}_6\text{O}$	1147
Целлозольв	C_6H_{12}	Бензол	C_6H_6	1423—1435
Целлозольв	C_6H_{12}	Бромбензол	$\text{C}_6\text{H}_5\text{Br}$	1445
Целлозольв	C_6H_{12}	Водород	H_2	25
Целлозольв	C_6H_{12}	Гексан	C_6H_{14}	1553, 1554
Целлозольв	C_6H_{12}	Гептан	C_7H_{16}	1565—1569
Целлозольв	C_6H_{12}	Диоксан	$\text{C}_4\text{H}_8\text{O}_2$	1275, 1276
Целлозольв	C_6H_{12}	Дихлорэтан	$\text{C}_2\text{H}_4\text{Cl}_2$	981
Целлозольв	C_6H_{12}	Душклогексил	$\text{C}_{12}\text{H}_{22}$	1572
Целлозольв	C_6H_{12}	Кислоты уксусной ангидрид	$\text{C}_4\text{H}_6\text{O}_3$	1248
Целлозольв	C_6H_{12}	Метилэтилобутылкетон	$\text{C}_6\text{H}_{14}\text{O}$	1557
Целлозольв	C_6H_{12}	Метилэтилобутылкетон	$\text{C}_6\text{H}_{12}\text{O}$	1552

Компонент А		Компонент Б		№№ таблиц
Наименование	Формула	Наименование	Формула	
Циклогексан	C_6H_{12}	Метилцеллозольв	$C_3H_8O_2$	1226
Циклогексан	C_6H_{12}	Метилциклопентан	C_5H_{10}	1564
Циклогексан	C_6H_{12}	Метилциклопентан	C_5H_{10}	1549
Циклогексан	C_6H_{12}	Метилэтикетон	C_4H_8O	1263, 1264
Циклогексан	C_6H_{12}	Этирбензол	C_8H_8	1403
Циклогексан	C_6H_{12}	Октан изо	C_8H_{18}	1571
Циклогексан	C_6H_{12}	Пентан	C_5H_{12}	1384
Циклогексан	C_6H_{12}	Пиридин	C_5H_5N	1364
Циклогексан	C_6H_{12}	Сароутлерод	CS_2	525, 526
Циклогексан	C_6H_{12}	Спирт бутиловый	$C_4H_{10}O$	1305
Циклогексан	C_6H_{12}	Спирт пропиловый	C_3H_8O	1203, 1207
Циклогексан	C_6H_{12}	Спирт пропильный изо	C_3H_8O	1203, 1209
Циклогексан	C_6H_{12}	Спирт циклогексильный	$C_6H_{12}O$	1550, 1551
Циклогексан	C_6H_{12}	Спирт этиловый	C_2H_6O	1068—1068
Циклогексан	C_6H_{12}	Толуол	C_7H_8	1558—1562
Циклогексан	C_6H_{12}	Триметилбутан	C_4H_{10}	1570
Циклогексан	C_6H_{12}	Трихлорэтилен	C_2HCl_3	825, 827
Циклогексан	C_6H_{12}	Углерода диоксид	CO_2	498
Циклогексан	C_6H_{12}	Углерод четыреххлористый	CCl_4	591—596
Циклогексан	C_6H_{12}	Фурфурол	$C_5H_4O_2$	1355
Циклогексан	C_6H_{12}	Хлороформ	$CHCl_3$	658
Циклогексан	C_6H_{12}	Циклогексанон	$C_6H_{10}O$	1539
Циклогексан	C_6H_{12}	Циклогексен	C_6H_{10}	1538
Циклогексан	C_6H_{12}	Этан	C_2H_6	1019
Циклогексан	C_6H_{12}	Этил хлорид	C_2H_5Cl	1001
Циклогексан	C_6H_{12}	Эфир уксуснометильный	$C_3H_6O_2$	1166
Циклогексан	C_6H_{12}	Эфир уксусноэтиловый	$C_4H_8O_2$	1277
Циклогексанон	$C_6H_{10}O$	Вода	H_2O	448
Циклогексанон	$C_6H_{10}O$	Спирт гексильный	$C_6H_{14}O$	1543
Циклогексанон	$C_6H_{10}O$	Спирт циклогексильный	$C_6H_{12}O$	1540—1542
Циклогексанон	$C_6H_{10}O$	Толуол	C_7H_8	1544
Циклогексанон	$C_6H_{10}O$	Циклогексан	C_6H_{12}	1539

Циклогексен	C_6H_{10}	Бензол	C_6H_6	1422
Циклогексен	C_6H_{10}	Циклогексан	C_6H_{12}	1538
Циклогексиламин	$C_6H_{13}N$	Антралин	C_6H_7N	1549
Циклогексиламин	$C_6H_{13}N$	Спирт циклогексильный	$C_6H_{12}O$	1573
Циклогексилциклопентан	$C_{11}H_{20}$	Додекан	$C_{12}H_{26}$	1734
Циклопентан	C_5H_{10}	Бензол	C_6H_6	1378
Циклопентан	C_5H_{10}	Пропантиол	C_3H_8S	1229
Циклопентаон	C_5H_8O	Вода	H_2O	427
Циклопропан	C_3H_6	Углерода двуокись	CO_2	487
Циклопропан	C_3H_6	Антралин	C_6H_7N	1536
Циклопропан	C_3H_6	Кадмий	Cd	62
Циклопропан	C_3H_6	Свинца двуххлористый	$PbCl_2$	63
Циклопропан	C_3H_6	Трихлорпропан	$C_3H_5Cl_3$	1110
Циклопропан	C_3H_6	Азот	N_2	130
Циклопропан	C_3H_6	Бензол	C_6H_6	1018
Циклопропан	C_3H_6	Бутади	C_4H_6	1016
Циклопропан	C_3H_6	Водород	H_2	15, 16
Циклопропан	C_3H_6	Водород хлористый	HCl	49
Циклопропан	C_3H_6	Гептан	C_7H_{16}	1020
Циклопропан	C_3H_6	Декал	$C_{10}H_{22}$	1021
Циклопропан	C_3H_6	Метан	CH_4	709, 710
Циклопропан	C_3H_6	Пентан	C_5H_{12}	1017
Циклопропан	C_3H_6	Перфторэтан	C_2F_4	813
Циклопропан	C_3H_6	Пропан	C_3H_8	1015
Циклопропан	C_3H_6	Пропади	C_3H_6	1013, 1014
Циклопропан	C_3H_6	Сероуглерод	H_2S	37
Циклопропан	C_3H_6	Спирт метильный	CH_3O	737
Циклопропан	C_3H_6	Циклогексан	C_6H_{12}	1019
Циклопропан	C_3H_6	Этилен	C_2H_4	870—873
Циклопропан	C_3H_6	Бензол	C_6H_6	1007
Циклопропан	C_3H_6	Гептан	C_7H_{16}	1008
Циклопропан	C_3H_6	Спирт этиловый	C_2H_5O	1006
Циклопропан	C_3H_6	Этил йодистый	C_2H_5J	1005
Циклопропан	C_3H_6	Гептан	C_7H_{16}	1012
Циклопропан	C_3H_6	Спирт этиловый	C_2H_5O	1009
Циклопропан	C_3H_6	Углерод четыреххлористый	CCl_4	552
Циклопропан	C_3H_6	Этил бромистый	C_2H_5Br	1005
Циклопропан	C_3H_6	Эфир уксусноэтиловый	$C_4H_8O_2$	1010, 1011

Компонент А		Компонент Б		Зна- таблиц
Наименование	Формула	Наименование	Формула	
Этил хлористый	C_2H_5Cl	Бутан	C_4H_{10}	995
Этил хлористый	C_2H_5Cl	Эфир этиловый	$C_4H_{10}O$	998
Этиланилин	$C_8H_{11}N$	Анилин	C_6H_7N	4534
Этиланилин	$C_8H_{11}N$	Диэтиланилин	$C_{10}H_{15}N$	1690
Этилбензол	C_8H_{10}	Бензол	C_6H_6	1481
Этилбензол	C_8H_{10}	Гексилгептиколь	$C_5H_{14}O_2$	4585
Этилбензол	C_8H_{10}	Гептан	C_7H_{16}	1666
Этилбензол	C_8H_{10}	Кислота уксусная	$C_2H_4O_2$	949
Этилбензол	C_8H_{10}	Метилцеллозоль	$C_3H_8O_2$	1228
Этилбензол	C_8H_{10}	Октан	C_8H_{18}	1686
Этилбензол	C_8H_{10}	Октен	C_8H_{16}	4383
Этилбензол	C_8H_{10}	Спирт бутиловый	$C_4H_{10}O$	1319
Этилбензол	C_8H_{10}	Спирт пропиловый	C_3H_8O	4246
Этилбензол	C_8H_{10}	Спирт этиловый	C_2H_6O	1388
Этилбензол	C_8H_{10}	Стирол	C_8H_8	4314
Этилбензол	C_8H_{10}	Толуол	C_7H_8	1387
Этилбензол	C_8H_{10}	Триметилгексан	C_6H_{12}	1411
Этилбензол	C_8H_{10}	Хлорбензол	C_6H_5Cl	1339, 1340
Этилбензол	C_8H_{10}	Целлозоль	$C_4H_{10}O_2$	1384
Этилбензол	C_8H_{10}	Этилциклогексан	C_8H_{16}	1636, 1637
Этилбензол	C_8H_{10}	Крезол	C_7H_8O	1398
Этилнафталин	$C_{12}H_{12}$	Винилтолуол	C_9H_{10}	1386
Этилтолуол	C_9H_{12}	Гутилцеллозоль	$C_5H_{14}O_2$	4387
Этилциклогексан	C_8H_{16}	Гексилгептиколь	$C_5H_{14}O_2$	1392
Этилциклогексан	C_8H_{16}	Октан	C_8H_{18}	4247
Этилциклогексан	C_8H_{16}	Спирт пропиловый изо	C_3H_8O	1684
Этилциклогексан	C_8H_{16}	Этилбензол	C_8H_{10}	830, 831
Этилен	C_2H_4	Ацетилен	C_2H_2	877
Этилен	C_2H_4	Бензол	C_6H_6	876
Этилен	C_2H_4	Бутан	C_4H_{10}	268
Этилен	C_2H_4	Вода	H_2O	

Этилен	C_2H_4	Водород	H_2	13, 14
Этилен	C_2H_4	Гептан	C_7H_{14}	878
Этилен	C_2H_4	Метан	CH_4	706, 707
Этилен	C_2H_4	Пропилен	C_3H_6	875
Этилен	C_2H_4	Спирт этиловый	C_2H_5O	874
Этилен	C_2H_4	Углевода двуокись	CO_2	482, 483
Этилен	C_2H_4	Углерод четыреххлористый	CCl_4	546
Этилен	C_2H_4	Хлороформ	$CHCl_3$	623
Этилен	C_2H_4	Этан	C_2H_6	870—873
Этилен бромистый	C_2H_3Br	Пропилен бромистый	C_3H_5Br	869
Этилен хлористый	C_2H_3Cl	Дихлорэтилен	$C_2H_2Cl_2$	834
Этилена окись	C_2H_2O	Альдегид уксусный	C_2H_4O	879
Этилена окись	C_2H_2O	Вода	H_2O	272—274
Этилена окись	C_2H_2O	Дихлорэтан	$C_2H_4Cl_2$	882, 883
Этилена окись	C_2H_2O	Пропилона окись	C_3H_5O	885
Этиленгликоль	$C_2H_6O_2$	Ангелин	C_6H_7N	1094
Этиленгликоль	$C_2H_6O_2$	Вода	H_2O	314—314
Этиленгликоль	$C_2H_6O_2$	Диметиланилин	C_8H_9N	1099
Этиленгликоль	$C_2H_6O_2$	Крезол	C_7H_8O	1096, 1097
Этиленгликоль	$C_2H_6O_2$	Метиланилин	C_7H_9N	1098
Этиленгликоль	$C_2H_6O_2$	Пиколин	C_6H_7N	1095
Этиленгликоль	$C_2H_6O_2$	Спирт метиловый	CH_4O	741
Этиленгликоль	$C_2H_6O_2$	Фенол	C_6H_6O	1093
Этиленгликоль	$C_2H_6O_2$	Аллиловое горчичное масло	$C_{11}H_{19}N_5$	1103
Этилендиамин	$C_2H_8N_2$	Бензол	C_6H_6	1101
Этилендиамин	$C_2H_8N_2$	Бензол	C_6H_6	1003
Этилендиамин	$C_2H_8N_2$	Вода	H_2O	295
Этиленхлоргидрин	C_2H_5ClO	Дихлорэтан	$C_2H_4Cl_2$	962
Этиленхлоргидрин	C_2H_5ClO	Спирт бутиловый	$C_4H_{10}O$	993
Этиленхлоргидрин	C_2H_5ClO	Спирт бутиловый изо	$C_4H_{10}O$	999
Этиленхлоргидрин	C_2H_5ClO	Толуол	C_7H_8	1003
Этиленхлоргидрин	C_2H_5ClO	Циклогексан	C_6H_{12}	1001
Этиленхлоргидрин	C_2H_5ClO	Эфир бутиловый	$C_8H_{18}O$	1004
Этиленхлоргидрин	C_2H_5ClO	Эфир дихлоэтиловый	$C_4H_9Cl_2O$	997
Этиленхлоргидрин	C_2H_5ClO	Эфир пропиловый изо	$C_6H_{14}O$	1002
Этиленхлоргидрин	C_2H_5ClO	Крезол	C_7H_8O	1590, 1591
2(2-этоксис-этокси)-этанол	$C_6H_{14}O_3$	Эфир глицеринодиметиловый	$C_7H_{12}O_4$	1651
Эфир адипиноводиметиловый	$C_8H_{14}O_4$	Эфир фталесдибутиловый	$C_{16}H_{22}O_4$	1755
Эфир азелаинодибутиловый	$C_{17}H_{32}O_4$			

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Эфир акриловообутиловый	$C_5H_{12}O_2$	Спирт бутиловый	$C_4H_{10}O$	1315, 1316
Эфир акриловобутиловый	$C_7H_{12}O_2$	Эфир бутиловый	$C_8H_{18}O$	1650
Эфир акриловообутиловый	$C_7H_{12}O_2$	Эфир оксизомаслянобутиловый	$C_8H_{15}O_2$	1649
Эфир бензойногептиловый	$C_{11}H_{20}O_2$	Гексадекан	$C_{16}H_{34}$	1750
Эфир бензойнометиловый	$C_8H_8O_2$	Эфир каприлсвометиловый	$C_9H_{18}O_2$	1677
Эфир бензойноэтиловый	$C_9H_{10}O_2$	Крезол	C_6H_6O	1630, 1631
Эфир борнометиловый	$C_3H_7BO_3$	Спирт метиловый	CH_4O	762
Эфир бутиловый	$C_8H_{18}O$	Анизол	C_7H_8O	1629
Эфир бутиловый	$C_8H_{18}O$	Спирт бутиловый	$C_8H_{18}O$	1329, 1330
Эфир бутиловый	$C_8H_{18}O$	Этиленхлоргидрин	C_2H_5ClO	1004
Эфир бутиловый	$C_8H_{18}O$	Эфир акриловобутиловый	$C_7H_{12}O_2$	1650
Эфир бутиловый	$C_8H_{18}O$	Эфир этиловый	$C_4H_{10}O$	1331
Эфир глутароводиметиловый	$C_7H_{12}O_4$	Эфир адипиноводиметиловый	$C_8H_{14}O_4$	1651
Эфир дивинилэвый диэтиленгликоля	$C_8H_{14}O_3$	Эфир диэтиловый диэтиленгликоля	$C_8H_{18}O_3$	1691
Эфир диуксунобутиленгликолевый	$C_8H_{14}O_4$	Бутиленгликоль	$C_4H_{10}O_2$	1341
Эфир диуксунобутиленгликолевый	$C_8H_{14}O_4$	Кислота уксусная	$C_2H_4O_2$	953
Эфир диуксуногликолевый	$C_6H_{14}O_4$	Крезол	C_6H_6O	1547, 1548
Эфир диуксунопропилгликолевый	$C_7H_{12}O_4$	Кислота уксусная	$C_2H_4O_2$	942
Эфир дихлорэтиловый	$C_4H_8Cl_2O$	Этиленхлоргидрин	C_2H_5ClO	997
Эфир диэтиловый диэтиленгликоля	$C_8H_{18}O_3$	Эфир дивинилэвый диэтиленгликоля	$C_8H_{14}O_3$	1691
Эфир изосульфодиауровооаллиловый	$C_6H_7N_3S_6$	Сероуглерод	CS_2	524
Эфир изосульфодиауровооаллиловый	$C_6H_7N_3S_6$	Спирт метиловый	CH_4O	799
Эфир гзосульфодиауровооаллиловый	$C_6H_7N_3S_6$	Эфир этиловый	$C_4H_{10}O$	1304
Эфир каприловометиловый	$C_9H_{18}O_2$	Эфир бензойнометиловый	$C_8H_8O_2$	1677
Эфир каприловометиловый	$C_9H_{18}O_2$	Эфир каприновометиловый	$C_{11}H_{22}O_2$	1700
Эфир каприловометиловый	$C_9H_{18}O_2$	Эфир капроновометиловый	$C_7H_{14}O_2$	1364
Эфир каприловометиловый	$C_{11}H_{22}O_2$	Эфир каприловометиловый	$C_9H_{18}O_2$	1700

Эфир каприновометиловый	$C_{11}H_{22}O_2$	Эфир лауриновометиловый	$C_{13}H_{26}O_2$	1735
Эфир капронометиловый	$C_7H_{14}O_2$	Эфир капринометиловый	$C_9H_{18}O_2$	1664
Эфир лауриновометиловый	$C_{12}H_{24}O_2$	Эфир каприновометиловый	$C_{11}H_{22}O_2$	1735
Эфир лауриновометиловый	$C_{13}H_{26}O_2$	Эфир каприновометиловый	$C_{15}H_{30}O_2$	1744—1746
Эфир маслянометиловый	$C_8H_{16}O_2$	Спирт бутиловый	$C_4H_{10}O$	1326
Эфир масляноэтилфениловый	$C_{12}H_{20}O_2$	Эфир уксусноэтилфениловый	$C_{10}H_{12}O_2$	1708
Эфир метакриловометиловый	$C_5H_8O_2$	Спирт метиловый	CH_3O	779
Эфир метиловый этиленгликоль-ацетата	$C_5H_{10}O_3$	Кислота уксусная	$C_2H_4O_2$	922
Эфир метиловый этиленгликоль-ацетата	$C_5H_{10}O_3$	Метиленцелозоль	$C_3H_8O_2$	1221
Эфир миристиновометиловый	$C_{15}H_{30}O_2$	Эфир лауриновометиловый	$C_{13}H_{26}O_2$	1744—1746
Эфир миристиновометиловый	$C_{15}H_{30}O_2$	Эфир пальмитиновометиловый	$C_{17}H_{34}O_2$	1754
Эфир монобутиловый диэтилглицоля	$C_8H_{18}O_3$	Эфир монобутиловый этиленгликоля	$C_8H_{14}O_2$	1589
Эфир монобутиловый этиленгликоля	$C_6H_{14}O_2$	Спирт бутиловый	$C_4H_{10}O$	1308
Эфир моноэтилбутиловый этиленгликоля	$C_6H_{14}O_2$	Эфир монобутиловый диэтилглицоля	$C_8H_{18}O_2$	1589
Эфир моноэтилбутиловый этиленгликоля	$C_6H_{14}O_2$	Спирт бутиловый изо	$C_4H_{10}O$	1509
Эфир монопропиловый этиленгликоля	$C_6H_{12}O_2$	Спирт пропильный изо	C_3H_8O	1496
Эфир моноэтиловый диэтилглицоля	$C_6H_{14}O_3$	Спирт этиловый	C_2H_6O	1075
Эфир моноэтиловый диэтилглицоля	$C_6H_{14}O_3$	Целлозоль	$C_4H_{10}O_2$	1337
Эфир муравьиноизоборнеоловый	$C_{11}H_{18}O_2$	Камфен	$C_{10}H_{16}$	1721
Эфир муравьиноизоборнеоловый	$C_{11}H_{18}O_2$	Лимснен (дипентен)	$C_{10}H_{16}$	1720
Эфир муравьинометиловый	$C_3H_4O_2$	Гексан	C_6H_{14}	934
Эфир муравьинометиловый	$C_3H_4O_2$	Изопрен	C_5H_8	918
Эфир муравьинометиловый	$C_2H_4O_2$	Триметилэтилен	C_3H_6	919
Эфир муравьинометиловый	$C_3H_6O_2$	Дихлорэтилен	$C_2H_2Cl_2$	844, 842
Эфир оксипнзаслянобутиловый	$C_8H_{16}O_3$	Спирт бутиловый	$C_4H_{10}O$	1527
Эфир олеинометиловый	$C_8H_{16}O_3$	Эфир акриловый, яловый	$C_3H_5O_2$	1649
Эфир олеинометиловый	$C_{19}H_{38}O_2$	Эфир стеариновометиловый	$C_{19}H_{38}O_2$	1761
Эфир пальмитиновометиловый	$C_{17}H_{34}O_2$	Эфир стеариновометиловый	$C_{19}H_{38}O_2$	1758
Эфир пальмитиновометиловый	$C_{17}H_{34}O_2$	Эфир миристиновометиловый	$C_{15}H_{30}O_2$	1754
Эфир перфторциклопропиловый	$C_6F_{12}O$	Перфторгексан	C_6F_{14}	1391

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Эфир пропиловый н-ас	$C_6H_{14}O$	Дихлорэтилен	$C_2H_2Cl_2$	849, 850
Эфир пропиловый н-ас	$C_6H_{14}O$	Спирт пропиловый н-ас	C_3H_8O	4242
Эфир пропиловый н-ас	$C_6H_{14}O$	Хлороформ	$CHCl_3$	662
Эфир пропиловый н-ас	$C_6H_{14}O$	Этиленхлоридрин	C_2H_5ClO	4002
Эфир пропеновобутиловый	$C_7H_{14}O_2$	Олово четыреххлористое	$SnCl_4$	102
Эфир пропеновоэтиловый	$C_5H_{10}O_2$	Олово четыреххлористое	$SnCl_4$	98
Эфир пропиловометиловый	$C_8H_{16}O_2$	Кэтиол	C_8H_{10}	1678, 1679
Эфир салциловоэтиловый	$C_9H_{10}O_2$	Дифенил оксид	$C_{12}H_{10}O$	1699
Эфир себаценодибутиловый	$C_{18}H_{34}O_4$	Эфир фталенодибутиловый	$C_{16}H_{32}O_4$	1756
Эфир себаценоводитетрагексильный	$C_{26}H_{50}O_4$	Эфир фталенодиоктилловый	$C_{22}H_{38}O_4$	4762, 4763
Эфир себаценоводитетрагексильный	$C_{26}H_{50}O_4$	Эфир фталенодиэтилгексилловый	$C_{24}H_{38}O_4$	1764, 1765
Эфир стеариноометиловый	$C_{19}H_{38}O_2$	Эфир олеиноометиловый	$C_{19}H_{36}O_2$	4761
Эфир стеариноометиловый	$C_{19}H_{38}O_2$	Эфир пальмитиноометиловый	$C_{17}H_{34}O_2$	4758
Эфир стеариноэтиловый	$C_{20}H_{40}O_2$	Бензилнафталин	$C_{17}H_{14}$	4757
Эфир трихлоруксусноэтиловый	$C_4H_5O_3Cl_3$	Олово четыреххлористое	$SnCl_4$	96
Эфир уксуснобензиловый	$C_9H_{10}O_2$	Альдегид бензойный	C_7H_6O	4595
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Ацетон	C_3H_6O	4150
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Вода	H_2O	452
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Кастора уксусная	$C_2H_4O_2$	932, 933
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Олово четыреххлористое	$SnCl_4$	100
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Спирт бутиловый	$C_4H_{10}O$	1306, 1307
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Спирт метиловый	CH_4O	802
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Трихлорпропан	$C_3H_5Cl_3$	1411
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Фенол	C_6H_6O	4496
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Хлороформ	$CHCl_3$	660
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Целлозольв	$C_4H_{10}O_2$	4336
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Альдегид уксусный	C_2H_4O	886
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Ацетон	C_3H_6O	4120
Эфир уксуснобутиловый	$C_6H_{12}O_2$	Кастора уксусная	$C_2H_4O_2$	945
Эфир уксусноизоамилловый	$C_7H_{14}O_2$	Олово четыреххлористое	$SnCl_4$	403
Эфир уксусноизоамилловый	$C_7H_{14}O_2$	Камфен	$C_{10}H_{16}$	4723
Эфир уксусноизоорн-этиловый	$C_{12}H_{20}O_2$	Лимонен (дишентен)	$C_{10}H_{16}$	4722

Эфир уксуснометиловый	$C_2H_5O_2$	Бензол	C_6H_6	1165
Эфир уксуснометиловый	$C_3H_6O_2$	Вода	H_2O	334, 335
Эфир уксуснометиловый	$C_3H_6O_2$	Дихлорэтилен	$C_2H_2Cl_2$	839, 840
Эфир уксуснометиловый	$C_3H_6O_2$	Спирт метиловый	CH_4O	752—754
Эфир уксуснометиловый	$C_3H_6O_2$	Хлороформ	$CHCl_3$	645, 646
Эфир уксуснометиловый	$C_3H_6O_2$	Циклогексан	C_6H_{12}	1166
Эфир уксуснометиловый	$C_3H_6O_2$	Эфир уксусноэтиловый	$C_4H_8O_2$	1164
Эфир уксуснометиловый	$C_8H_{16}O_2$	Кислота уксусная	$C_2H_4O_2$	954, 955
Эфир уксуснометиловый	$C_8H_{10}O_2$	Бутиленгликоль	$C_4H_{10}O_2$	1335
Эфир уксуснометиловый	$C_8H_{10}O_2$	Кислота уксусная	$C_2H_4O_2$	930
Эфир уксуснопропиловый	$C_5H_{10}O_2$	Вода	H_2O	428
Эфир уксуснопропиловый	$C_5H_{10}O_2$	Кислота уксусная	$C_2H_4O_2$	921
Эфир уксуснопропиловый	$C_5H_{10}O_2$	Спирт пропиловый	C_3H_7O	1192, 1193
Эфир уксусноциклогексильный	$C_8H_{14}O_2$	Кислота уксусная	$C_2H_4O_2$	952
Эфир уксусноэтиловый	$C_4H_8O_2$	Бензол	C_6H_6	1273, 1274
Эфир уксусноэтиловый	$C_4H_8O_2$	Вода	H_2O	385—388
Эфир уксусноэтиловый	$C_4H_8O_2$	Кислота уксусная	$C_2H_4O_2$	909—912
Эфир уксусноэтиловый	$C_4H_8O_2$	Ксилит	C_8H_{10}	1280
Эфир уксусноэтиловый	$C_4H_8O_2$	Оловс четырехлористое	$SnCl_4$	97
Эфир уксусноэтиловый	$C_4H_8O_2$	Спирт метиловый	CH_4O	766—768
Эфир уксусноэтиловый	$C_4H_8O_2$	Спирт этиловый	C_2H_5O	1032—1035
Эфир уксусноэтиловый	$C_4H_8O_2$	Толуол	C_7H_8	1279
Эфир уксусноэтиловый	$C_4H_8O_2$	Трихлорэтилен	C_2HCl_3	823
Эфир уксусноэтиловый	$C_4H_8O_2$	Углерод четырехлористый	CCl_4	567—570
Эфир уксусноэтиловый	$C_4H_8O_2$	Фурфурол	$C_5H_4O_2$	1270
Эфир уксусноэтиловый	$C_4H_8O_2$	Хлороформ	$CHCl_3$	649
Эфир уксусноэтиловый	$C_4H_8O_2$	Циклогексан	C_6H_{12}	1277
Эфир уксусноэтиловый	$C_4H_8O_2$	Этил йодистый	C_2H_5I	1040, 1041
Эфир уксусноэтиловый	$C_{10}H_{12}O_2$	Эфир уксусометиловый	$C_3H_6O_2$	1164
Эфир уксусноэтиловый	$C_{10}H_{10}O_2$	Эфир масляноэтилфениловый	$C_{12}H_{16}O_2$	1708
Эфир фталеводибутыловый	$C_{16}H_{22}O_4$	Дихлорэтилсульфид	$C_4H_6Cl_2S$	1281
Эфир фталеводибутыловый	$C_{16}H_{22}O_4$	Эфир азелаиноводибутыловый	$C_{11}H_{20}O_4$	1755
Эфир фталеводинонловый	$C_{26}H_{42}O_4$	Эфир себацловодибутыловый	$C_{18}H_{34}O_4$	1756
Эфир фталеводинонловый	$C_{24}H_{38}O_4$	Октадекан	$C_{18}H_{38}$	1760
Эфир фталеводинонловый	$C_{24}H_{38}O_4$	Эфир себацловодэтилгексилловый	$C_{26}H_{50}O_4$	1762
Эфир фталеводинонловый	$C_{24}H_{38}O_4$	Эфир себацловодэтилгексилловый	$C_{26}H_{50}O_4$	1763—1765

Компонент А		Компонент В		№№ таблиц
Наименование	Формула	Наименование	Формула	
Эфир этиловый	$C_4H_{10}O$	Анизол	C_7H_8O	1314
Эфир этиловый	$C_4H_{10}O$	Ацетон	C_3H_6O	1126, 1127
Эфир этиловый	$C_4H_{10}O$	Бутилспилан	$C_4H_{12}Si$	1294
Эфир этиловый	$C_4H_{10}O$	Диборан	B_2H_6	65
Эфир этиловый	$C_4H_{10}O$	Диметоксиметан	$C_3H_8O_2$	1220
Эфир этиловый	$C_4H_{10}O$	Кислота уксусной нитрил	C_3H_5N	858
Эфир этиловый	$C_4H_{10}O$	Метил йодистый	CH_3I	704
Эфир этиловый	$C_4H_{10}O$	Метилен хлористый	CH_2Cl_2	682
Эфир этиловый	$C_4H_{10}O$	Нитрометан	CH_3NO_2	695
Эфир этиловый	$C_4H_{10}O$	Сероуглерод	CS_2	517—519
Эфир этиловый	$C_4H_{10}O$	Спирт бутиловый	$C_4H_{10}O$	4293
Эфир этиловый	$C_4H_{10}O$	Спирт этиловый	C_2H_6O	1043—1046
Эфир этиловый	$C_4H_{10}O$	Триэтиламин	$C_4H_{15}N$	1310
Эфир этиловый	$C_4H_{10}O$	Углерода двуокись	CO_2	495
Эфир этиловый	$C_4H_{10}O$	Углерод четыреххлористый	CCl_4	573, 574
Эфир этиловый	$C_4H_{10}O$	Хлороформ	$CHCl_3$	652, 653
Эфир этиловый	$C_4H_{10}O$	Этил хлористый	C_2H_5Cl	996
Эфир этиловый	$C_4H_{10}O$	Эфир бутиловый	$C_4H_{10}O$	1331
Эфир этиловый	$C_4H_{10}O$	Эфир изосульфонуэвоаллиловый	$C_4H_7N_3SO_6$	1304

УКАЗАТЕЛЬ ТРЕХКОМПОНЕНТНЫХ СИСТЕМ

Компонент А		Компонент В		№№ таблиц
Формула	Наименование	Формула	Наименование	
H_2	Водород	N_2	Азот	1766, 1767 1768, 1769 1770
F_2	Водород	N_2	Азот	
H_2	Водород	CO	Окись углерода	
		CO	Окись углерода	1766, 1767 1768, 1769 1770
		CH_4	Метан	
		C_3H_8	Пропан	

H_2	Водород	CH_4	Метан	C_2H_4	Этилен	1771
H_2	Водород	CH_4	Метан	C_2H_6	Этан	1772, 1786
H_2	Водород	CH_4	Метан	C_3H_6	Пропилен	1774
H_2	Водород	CH_4	Метан	C_3H_8	Пропан	1775
H_2S	Сероводород	CO_2	Диокись углерода	CH_4	Метан	1776—1778, 1980
H_2SO_4Cl	Кислота хлорсуль- фоновая	H_2SO_4	Кислота серная	$H_2S_2O_7$	Кислота пиросерная	1779
HCl	Водород хлористый	C_2H_6	Этан	C_6H_{14}	Метилпентан	1780
He	Гелий	N_2	Азот	Ne	Неон	1781
N_2	Азот	NH_3	Аммиак	CH_4	Метан	1782
N_2	Азот	O_2	Кислород	Ag	Аргон	1783—1785
N_2	Азот	CH_4	Метан	C_2H_6	Этан	1773
N_2	Азот	CH_4	Метан	C_4H_{10}	Бутан	1787
N_2	Азот	CH_4	Метан	C_5H_{12}	Пентан	1788, 1789
N_2	Азот	CH_4	Метан	C_6H_{14}	Гексан	1790, 1791
N_2	Азот	CH_4	Метан	C_7H_{16}	Гептан	1792
N_2	Азот	CH_4	Метан	$C_{10}H_{22}$	Декан	1793
N_2O	Азота закись	CH_4	Метан	C_2H_4	Этилен	1794
$NaC_3H_5O_2$	Натрий пропионат	CO_2	Диокись углерода	C_8H_{18}	Октан	1795
H_2O	Вода	$C_3H_5O_2$	Кислота пропионовая	H_3PO_4	Кислота фосфорная	1796
H_2O	Вода	HNO_3	Кислота азотная	H_2SO_4	Кислота серная	1797—1800
H_2O	Вода	HNO_3	Кислота азотная	HCl	Водород хлористый	1801
H_2O	Вода	HNO_3	Кислота азотная	$LiNO_3$	Лития нитрат	1812
H_2O	Вода	HNO_3	Кислота азотная	$NaNO_3$	Натрия нитрат	1803
H_2O	Вода	HNO_3	Кислота азотная	KNO_3	Калия нитрат	1804
H_2O	Вода	HNO_3	Кислота азотная	NH_4NO_3	Аммония нитрат	1805
H_2O	Вода	HNO_3	Кислота азотная	$Mg(NO_3)_2$	Магния нитрат	1806
H_2O	Вода	HNO_3	Кислота азотная	$Ca(NO_3)_2$	Кальция нитрат	1807, 1808
H_2O	Вода	HNO_3	Кислота азотная	$Cd(NO_3)_2$	Кадмия нитрат	1809
H_2O	Вода	H_2S	Сероводород	NH_3	Аммиак	1810
H_2O	Вода	H_2SO_4	Кислота серная	HF	Водород фтористый	1811
H_2O	Вода	H_2SO_4	Кислота серная	HCl	Водород хлористый	1812, 1813
H_2O	Вода	H_2SO_4	Кислота серная	$C_2H_5O_2$	Кислота уксусная	1814
H_2O	Вода	HF	Водород фтористый	H_2SiF_6	Водород кремнефто- ристый	1815
H_2O	Вода	HCl	Водород хлористый	KCl	Калий хлористый	1816, 1817
H_2O	Вода	HCl	Водород хлористый	$MgCl_2$	Магний хлористый	1818, 1819
H_2O	Вода	HCl	Водород хлористый	$FeCl_3$	Железо хлорное	1820

Компонент А		Компонент Б		Компонент В		№№ таблиц
Формула	Наименование	Формула	Наименование	Формула	Наименование	
H_2O	Вода	HCl	Водород хлористый	$C_2H_4O_3$	Кислота уксусная	1821
H_2O	Вода	HCl	Водород хлористый	$C_2H_3O_2$	Диоксан	1822
H_2O	Вода	HCl	Водород хлористый	C_6H_7NCl	Анилин хлористоводородный	1823
H_2O	Вода	NH_3	Аммиак	$NaOH$	Натрия гидрат окиси	1824
H_2O	Вода	NH_3	Аммиак	$Ca(OH)_2$	Меди гидрат окиси	1825
H_2O	Вода	NH_3	Аммиак	NH_4NO_3	Аммиачный нитрат	1826, 1827
H_2O	Вода	NH_3	Аммиак	SO_2	Серни двуокись	1828
H_2O	Вода	$LiCl$	Литий хлористый	CH_3O	Спирт метиловый	1829
H_2O	Вода	$LiCl$	Литий хлористый	C_2H_6O	Спирт этиловый	1830, 1831
H_2O	Вода	$LiClO_4$	Лития перхлорат	CH_4O	Спирт метиловый	1832
H_2O	Вода	$NaOH$	Натрия гидрат окиси	CH_4O	Спирт этиловый	1833
H_2O	Вода	$NaNO_3$	Натрия нитрат	$C_2H_8N_2$	Диэтилгидразин	1834
H_2O	Вода	Na_2SO_4	Натрия сульфат	CH_2O_2	Спирт этиловый	1835
H_2O	Вода	Na_2SO_4	Натрия сульфат	C_2H_6O	Кислота муравьиная	1836, 1837
H_2O	Вода	Na_2SO_4	Натрия сульфат	$C_2H_6O_2$	Спирт этиловый	1838
H_2O	Вода	Na_2SO_4	Натрия сульфат	$C_2H_6O_2$	Этиленгликоль	1839
H_2O	Вода	NaF	Натрий фтористый	$C_4H_{11}N$	Диэтиламин	1840
H_2O	Вода	$NaCl$	Натрий хлористый	C_2H_6O	Спирт этиловый	1841
H_2O	Вода	$NaCl$	Натрий хлористый	CH_2O_2	Кислота муравьиная	1842, 1843,
H_2O	Вода	$NaCl$	Натрий хлористый	C_2H_6O	Спирт этиловый	1845
H_2O	Вода	$NaCl$	Натрий хлористый	$C_4H_{11}N$	Диэтиламин	1846
H_2O	Вода	$NaCl$	Натрий хлористый	C_5H_5N	Пиридин	1847
H_2O	Вода	$NaCl$	Натрий хлористый	C_6H_6O	Фенол	1848
H_2O	Вода	$NaBr$	Натрий бромистый	CH_4O	Спирт метиловый	1849
H_2O	Вода	Na	Натрий металлический	C_2H_6O	Спирт этиловый	1844
H_2O	Вода	Na_2CO_3	Натрия карбонат	CO_2	Углерода двуокись	1850
H_2O	Вода	$NaHCO_3$	Натрий муравьинокислый	CH_2O_2	Кислота муравьиная	1851
H_2O	Вода	$Na_2C_2H_3O_2$	Натрия ацетат	C_2H_6O	Спирт этиловый	1852
H_2O	Вода	KNO_3	Калия нитрат	C_2H_6O	Спирт этиловый	1853
H_2O	Вода	K_2SO_4	Калия сульфат	C_2H_6O	Спирт этиловый	1854

H_2O	Вода	KCl	Калий хлористый	C_2H_6O	Спирт этиловый	1855
H_2O	Вода	KCl	Калий хлористый	$C_2H_6O_2$	Этиленгликоль	1856
H_2O	Вода	KCl	Калий хлористый	$C_4H_{11}N$	Диэтиламин	1857
H_2O	Вода	KBr	Калий бромистый	$C_2H_6O_2$	Этиленгликоль	1858
H_2O	Вода	KJ	Калий йодистый	C_2H_6O	Спирт этиловый	1859
H_2O	Вода	K_2CO_3	Калия карбонат	C_2H_6O	Спирт этиловый	1860
H_2O	Вода	$K_2C_2H_3O_2$	Калия ацетат	C_2H_6O	Спирт этиловый	1861, 1862
H_2O	Вода	$(NH_4)_2SO_4$	Аммония сульфат	CH_2C_2	Кислота муравьиная	1863
H_2O	Вода	NH_4HCO_3	Аммоний муравьино-кислый	CH_2C_2	Кислота муравьиная	1864
H_2O	Вода	$MgSO_4$	Магния сульфат	C_2H_6O	Спирт этиловый	1865
H_2O	Вода	$MgCl_2$	Магний хлористый	CH_2C_2	Кислота муравьиная	1866
H_2O	Вода	$Mg(HCO_3)_2$	Магний муравьино-кислый	CH_2C_2	Кислота муравьиная	1867
H_2O	Вода	$Ca(NO_3)_2$	Кальция нитрат	C_2H_6O	Спирт этиловый	1868, 1869
H_2O	Вода	$Ca(NO_3)_2$	Кальция нитрат	C_2H_8O	Спирт пропиловый	1870
H_2O	Вода	$Ca(NO_3)_2$	Кальция нитрат	C_2H_8O	Спирт пропиловый	1871
H_2O	Вода	$CaSO_4$	Кальция сульфат	CH_2C_2	Кислота муравьиная	1872
H_2O	Вода	$CaCl_2$	Кальций хлористый	CH_2C_2	Кислота муравьиная	1873
H_2O	Вода	$CaCl_2$	Кальций хлористый	CH_4C	Спирт метиловый	1874
H_2O	Вода	$CaCl_2$	Кальций хлористый	$C_2H_4O_2$	Кислота уксусная	1875, 1876
H_2O	Вода	$CaCl_2$	Кальций хлористый	C_2H_6O	Спирт этиловый	1877
H_2O	Вода	$CaCl_2$	Кальций хлористый	C_2H_8O	Спирт пропиловый	1878
H_2O	Вода	$CaCl_2$	Кальций хлористый	C_3H_8O	Спирт пропиловый	1879
H_2O	Вода	$CaCl_2$	Кальций хлористый	CH_2C_2	Кислота муравьиная	1880
H_2O	Вода	$ZnCl_2$	Цинк хлористый	C_2H_6O	Спирт этиловый	1881
H_2O	Вода	$SrCl_2$	Стронций хлористый	$C_2H_4O_2$	Кислота уксусная	1882
H_2O	Вода	$BaCl_2$	Барий хлористый	$C_2H_4O_2$	Кислота уксусная	1883
H_2O	Вода	$BaCl_2$	Барий хлористый	C_2H_6O	Спирт этиловый	1884
H_2O	Вода	$HgCl_2$	Ртуть хлористая	C_2H_6O	Спирт этиловый	1885
H_2O	Вода	CCl_4	Углерод четыреххлористый	C_3H_6O	Спирт аллиловый	1886
H_2O	Вода	$CHCl_3$	Хлороформ	CH_3O_2	Кислота муравьиная	1887
H_2O	Вода	$CHCl_3$	Хлороформ	$C_2H_4O_2$	Кислота уксусная	1888, 1889
H_2O	Вода	$CHCl_3$	Хлороформ	C_3H_6O	Ацетон	1890, 1891
H_2O	Вода	CH_2O	Формальдегид	CH_3O	Спирт метиловый	1892, 1893

Компонент А		Компонент Б		Компонент В		№№ таблиц
Формула	Наименование	Формула	Наименование	Формула	Наименование	
H ₂ O	Вода	CH ₂ O ₂	Кислота муравьиная	C ₂ H ₄ Cl ₂	Дихлорэтан	1894
H ₂ O	Вода	CH ₂ O ₂	Кислота муравьиная	C ₂ H ₄ O ₂	Кислота уксусная	1895—1898
H ₂ O	Вода	CH ₂ O ₂	Кислота муравьиная	C ₅ H ₄ N	Пиридин	1899
H ₂ O	Вода	CH ₂ O ₂	Кислота муравьиная	C ₆ H ₆	Бензол	1900
H ₂ O	Вода	CH ₃ NO ₂	Нитрометан	C ₆ H ₈ O	Спирт пропиловый	1901
H ₂ O	Вода	CH ₃ NO ₂	Нитрометан	C ₃ H ₈ O	Спирт пропиловый изо	1902
H ₂ O	Вода	CH ₄ O	Метан	C ₄ H ₁₀	Бутан	1903
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₂ H ₄ O	Альдегид уксусный	1904
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₂ H ₆ O	Спирт этиловый	1905, 1906
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₃ H ₆ O	Ацетон	1907—1909
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₃ H ₈ O ₂	Эфир уксусномети- ловый	1910
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₃ H ₈ O	Спирт пропиловый изо	1911
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₃ H ₈ O ₃	Глицерин	1912, 1913
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₄ H ₈ O ₂	Эфир уксусноэтил- овый	1914
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₅ H ₈ O ₂	Фурфурол	1915
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₇ H ₈ O ₂	Кислота бензойная	1916
H ₂ O	Вода	CH ₄ O	Спирт метиловый	C ₈ H ₁₀	Ксенол	1917
H ₂ O	Вода	C ₂ HCl ₃	Трихлорэтилен	C ₂ H ₈ N	Кислоты уксусной ни- трал	1918
H ₂ O	Вода	C ₂ HCl ₃	Трихлорэтилен	C ₂ H ₄ O ₂	Кислота уксусная	1919
H ₂ O	Вода	C ₂ HCl ₃	Трихлорэтилен	C ₃ H ₆ O	Спирт аллиловый	1920
H ₂ O	Вода	C ₂ H ₈ N	Кислоты уксусной нитрил	C ₃ H ₆ O	Ацетон	1921
H ₂ O	Вода	C ₂ H ₄ Cl ₂	Этилен	C ₂ H ₆ O	Спирт этиловый	1922
H ₂ O	Вода	C ₂ H ₄ Cl ₂	Дихлорэтан	C ₂ H ₆ O	Спирт этиловый	1923, 1924
H ₂ O	Вода	C ₂ H ₄ O	Альдегид уксусный	C ₂ H ₄ O ₂	Кислота уксусная	1925
H ₂ O	Вода	C ₂ H ₆ O ₂	Кислота уксусная	C ₂ H ₆ O	Ацетон	1926
H ₂ O	Вода	C ₂ H ₆ O ₂	Кислота уксусная	C ₃ H ₆ O ₂	Кислота пропионовая	1927

H ₂ O	Вода	C ₂ H ₄ O ₂	Кислота уксусная	C ₁ H ₆ O ₃	Кислота уксусной ангидрид	1928
H ₂ O	Вода	C ₂ H ₄ O ₂	Кислота уксусная	C ₄ H ₈ O	Метилэтилкетон	1929
H ₂ O	Вода	C ₂ H ₄ O ₂	Кислота уксусная	C ₄ H ₈ O ₂	Эфир уксусноэтиловый	1930
H ₂ O	Вода	C ₂ H ₄ O ₂	Кислота уксусная	C ₅ H ₄ O ₂	Фурфурол	1931
H ₂ O	Вода	C ₂ H ₄ O ₂	Кислота уксусная	C ₈ H ₁₁ N	Диметиланлин	1932
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₂ H ₆ O ₂	Этилглицерин	1933
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₃ H ₈ O ₃	Глицерин	1934—1937
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₄ H ₈ O ₂	Эфир уксусноэтиловый	1938, 1939
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₄ H ₈ O ₂	Диоксан	1940
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₄ H ₁₀ O	Спирт бутловый изо	1941
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₄ H ₁₀ O	Эфир этиловый	1942
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₄ H ₁₀ O ₂	Цетолоз	1943
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₆ H ₆ O	Бензол	1944—1946
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₇ H ₈ O	Спирт бенгловый	1947
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₁₂ H ₂₂ O ₄	Сахароза	1948
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₁₃ H ₁₀ O	Бензофенон	1949
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₁₃ H ₁₀ O	Трифенилкарбинол	1950
H ₂ O	Вода	C ₂ H ₆ O	Спирт этиловый	C ₁₅ H ₁₆ O	Спирт претиловый	1951
H ₂ O	Вода	C ₃ H ₆ O	Ацетон	C ₃ H ₈ O	Спирт претиловый	1952
H ₂ O	Вода	C ₃ H ₆ O	Спирт аллиловый	C ₃ H ₈ O	Спирт претиловый	1953
H ₂ O	Вода	C ₃ H ₆ O	Ацетон	C ₄ H ₈ O	Метилэтилкетон	1954, 1955
H ₂ O	Вода	C ₃ H ₆ O	Спирт пропиловый	C ₅ H ₁₀ O ₂	Эфир уксуснопропиловый	1956, 1957
H ₂ O	Вода	C ₃ H ₆ O	Спирт пропиловый	C ₆ H ₆ O	Фенол	1958
H ₂ O	Вода	C ₃ H ₆ O	Спирт пропиловый	C ₁₂ H ₁₀ O	Эфир дифениловый	1959
H ₂ O	Вода	C ₄ H ₈ O	Бутилен	C ₄ H ₁₀ O	Бутан	1960
H ₂ O	Вода	C ₄ H ₈ O	Бутилен	C ₄ H ₁₀ O	Бутан изо	1961, 1962
H ₂ O	Вода	C ₄ H ₈ O	Бутилен	C ₆ H ₄ O ₂	Фурфурол	1963
H ₂ O	Вода	C ₄ H ₈ O	Метилэтилкетон	C ₄ H ₁₀ O	Спирт бутловый вторичный	1964
H ₂ O	Вода	C ₄ H ₈ O	Метилэтилкетон	C ₆ H ₆ O	Бензол	1965
H ₂ O	Вода	C ₄ H ₈ O	Метилэтилкетон	C ₆ H ₆ O	Фенол	

Компонент А		Компонент В		Компонент В		№№ таблиц
Формула	Наименование	Формула	Наименование	Формула	Наименование	
H_2O	Вода	$\text{C}_4\text{H}_8\text{O}$	Метилэтилкетон	$\text{C}_6\text{H}_{14}\text{O}_2$	Бутилцелозоль	1966
H_2O	Вода	$\text{C}_4\text{H}_8\text{O}_2$	Кислота изомасляная	$\text{C}_4\text{H}_{10}\text{O}$	Спирт бутиловый эти- ричный	1967
H_2O	Вода	C_4H_{10}	Бутан	$\text{C}_3\text{H}_4\text{C}_2$	Фурфурол	1968
H_2O	Вода	C_4H_{10}	Бутан изо	$\text{C}_5\text{H}_4\text{C}_2$	Фурфурол	1969
H_2O	Вода	$\text{C}_4\text{H}_{10}\text{O}$	Спирт бутиловый	$\text{C}_6\text{H}_{12}\text{O}_2$	Эфир уксуснобути- ловый	1970
H_2O	Вода	$\text{C}_4\text{H}_{10}\text{O}$	Спирт бутиловый	$\text{C}_3\text{H}_{18}\text{O}$	Эфир бутиловый	1971
H_2O	Вода	$\text{C}_6\text{H}_6\text{O}$	Фенол	$\text{C}_6\text{H}_7\text{N}$	Англин	1972, 1973
H_2O	Вода	$\text{C}_6\text{H}_6\text{O}$	Фенол	$\text{C}_5\text{H}_{15}\text{N}$	Триэлламин	1974, 1975
H_2O	Вода	$\text{C}_6\text{H}_6\text{O}$	Фенол	C_9H_{10}	Метилстирол	1976
H_2O	Вода	$\text{C}_6\text{H}_{10}\text{O}$	Циклогексанон	$\text{C}_6\text{H}_{12}\text{O}$	Спирт циклогекс- ловый	1977
H_2O	Вода	C_7H_8	Толуол	$\text{C}_7\text{H}_8\text{O}$	Спирт бензиловый	1978
CO	Смесь углерода	C_3H_6	Пропилен	C_3H_8	Пропан	1979
CO_2	Двуокись углерода	CH_4	Метан	C_4H_{10}	Бутан	1981
CS_2	Сероуглерод	CHCl_3	Хлороформ	$\text{C}_3\text{H}_6\text{C}$	Ацетон	1982
CS_2	Сероуглерод	CHCl_3	Хлороформ	$\text{C}_3\text{H}_8\text{C}_2$	Метилаль	1983
CS_2	Сероуглерод	CH_3I	Метил йодистый	$\text{C}_3\text{H}_6\text{O}$	Ацетон	1984
CS_2	Сероуглерод	$\text{C}_3\text{H}_6\text{O}$	Ацетон	$\text{C}_3\text{H}_8\text{C}_2$	Метилаль	1985
CS_2	Углерод, четыреххл- ристый	CH_4O	Спирт метиловый	C_6H_6	Бензол	1986
CS_2	Углерод, четыреххл- ристый	C_2HCl_3	Трихлорэтилен	$\text{C}_3\text{H}_6\text{O}$	Ацетон	1987
CS_2	Углерод, четыреххл- ристый	C_2HCl_3	Трихлорэтилен	$\text{C}_4\text{H}_8\text{O}$	Метилэтилкетон	1988
CS_2	Углерод, четыреххл- ристый	$\text{C}_2\text{H}_4\text{Br}_2$	Дибромэтан	C_7H_8	Толуол	1989
CS_2	Углерод, четыреххл- ристый	$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_6H_6	Бензол	1990, 1991

ССl ₄	Углерод, четыреххлористый	C ₃ H ₈ O	Спирт пропилловый	C ₆ H ₁₂	Циклогексан	1992
ССl ₄	Углерод, четыреххлористый	C ₄ H ₈ O	Метилэтилкетон	C ₆ H ₁₂	Циклогексан	1993
СНCl ₃	Хлороформ	СН ₂ O ₂	Кислота муравьиная	C ₂ H ₄ O ₂	Кислота уксусная	1994
СНCl ₃	Хлороформ	СН ₃ O	Спирт метиловый	C ₃ H ₆ O	Ацетон	1995, 1996
СНCl ₃	Хлороформ	СН ₄ O	Спирт метиловый	C ₄ H ₈ O ₂	Эфир уксусноэтиловый	1997
СНCl ₃	Хлороформ	СН ₄ O	Спирт метиловый	C ₆ H ₆	Бензол	1998
СНCl ₃	Хлороформ	C ₂ H ₆ O	Спирт этиловый	C ₃ H ₆ O	Ацетон	1999
СНCl ₃	Хлороформ	C ₂ H ₆ O	Спирт этиловый	C ₆ H ₁₄	Гексан	2000
СНCl ₃	Хлороформ	C ₃ H ₆ O	Ацетон	C ₃ H ₈ O ₂	Метилаль	2001
СНCl ₃	Хлороформ	C ₃ H ₆ O	Ацетон	C ₄ H ₈ O	Метилэтилкетон	2002
СНCl ₃	Хлороформ	C ₃ H ₆ O	Ацетон	C ₆ H ₆	Бензол	2003
СНCl ₃	Хлороформ	C ₃ H ₆ O	Ацетон	C ₉ H ₁₂ O	Метилнзобутилкетон	2004
СНCl ₃	Хлороформ	C ₃ H ₆ O	Ацетон	C ₆ H ₁₄	Гексан	2005
СНCl ₃	Хлороформ	C ₃ H ₆ O	Ацетон	C ₇ H ₈	Толуол	2006
СНCl ₃	Хлороформ	C ₃ H ₆ O ₂	Эфир уксуснометилловый	C ₆ H ₆	Бензол	2007
СНCl ₃	Хлороформ	C ₄ H ₈ O	Метилэтилкетон	C ₆ H ₆	Бензол	2008
СН ₃ NO ₂	Нитрометан	C ₂ H ₅ N ₂ O ₃	Нитроэтан	C ₇ H ₁₆	Гептан	2009
СН ₃ NO ₂	Нитрометан	C ₅ H ₈	Изопрен	C ₅ H ₁₀	Триметилэтилен	2010
СН ₃ NO ₂	Нитрометан	C ₅ H ₈	Изопрен	C ₅ H ₁₂	Пентен изо	2011
СН ₃ NO ₂	Нитрометан	C ₅ H ₁₀	Триметилэтилен	C ₅ H ₁₂	Пентен изо	2012
СН ₃ NO ₂	Нитрометан	C ₆ H ₈	Бензол	C ₆ H ₁₂	Циклогексан	2013
СН ₄	Метан	C ₂ H ₄	Этилен	C ₂ H ₆	Этан	2014
СН ₄	Метан	C ₂ H ₄	Этилен	C ₄ H ₁₀	Бутан изо	2015
СН ₄	Метан	C ₂ H ₆	Этан	C ₃ H ₈	Пропан	2016
СН ₄	Метан	C ₂ H ₆	Этан	C ₅ H ₁₂	Пентан	2017
СН ₄	Метан	C ₃ H ₈	Пропан	C ₄ H ₁₀	Бутан	2018
СН ₄	Метан	C ₃ H ₈	Пропан	C ₅ H ₁₂	Пентан	2019, 2020
СН ₄	Метан	C ₃ H ₈	Пропан	C ₈ H ₁₈	Октан	2021
СН ₄	Метан	C ₄ H ₁₀	Бутан	C ₁₀ H ₂₂	Декан	2022—2024
СН ₄ O	Спирт метиловый	C ₂ H ₆ O	Спирт этиловый	C ₃ H ₆ O	Ацетон	2025
СН ₄ O	Спирт метиловый	C ₂ H ₆ O ₂	Этиленгликоль	C ₃ H ₆ O	Ацетон	2026
СН ₄ O	Спирт метиловый	C ₃ H ₆ O ₂	Эфир уксуснометилловый	C ₄ H ₈ O ₂	Эфир уксусноэтиловый	2027, 2028

Компонент А		Компонент Б		Компонент В		№№ таблиц
Формула	Наименование	Формула	Наименование	Формула	Наименование	
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	C_5H_8	Изопрен	C_5H_{10}	Триметилэтилен	2029
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	$\text{C}_5\text{H}_8\text{Cl}$	Изопрен	C_5H_{12}	Пентан изо	2030
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	$\text{C}_6\text{H}_6\text{Cl}$	Хлорбензол	C_6H_6	Бензол	2031
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	C_6H_6	Бензол	C_6H_{12}	Циклогексан	2032
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	C_6H_6	Бензол	C_6H_{10}	Ксилол	2033
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	C_7H_8	Толуол	C_7H_{16}	Гептан	2034
$\text{C}_4\text{H}_4\text{O}$	Спирт метиловый	C_7H_8	Бензол	C_6H_{12}	Циклогексан	2035
$\text{C}_2\text{H}_4\text{Cl}_3$	Трихлорэтилен	C_6H_6	Этилен	C_6H_6	Этан	2036, 2037
C_2H_{12}	Ацетилен	C_6H_6	Изопрен	C_6H_{10}	Триметилэтилен	2038
$\text{C}_2\text{H}_3\text{N}$	Кислоты уксусной	C_5H_8	Изопрен	C_5H_{12}	Пентан изо	2039
$\text{C}_2\text{H}_3\text{N}$	Кислоты уксусной	C_5H_8	Изопрен	C_6H_{12}	Пентан изо	2040
$\text{C}_2\text{H}_3\text{N}$	Кислоты уксусной	C_6H_{10}	Триметилэтилен	C_6H_{12}	Бензол	2041
$\text{C}_2\text{H}_4\text{Cl}_2$	Дихлорэтан	$\text{C}_6\text{H}_6\text{O}$	Спирт этиловый	C_6H_6	Бензол	2042
$\text{C}_2\text{H}_4\text{Cl}_2$	Дихлорэтан	$\text{C}_6\text{H}_6\text{O}$	Анетон	C_6H_6	Бензол	2043
$\text{C}_2\text{H}_4\text{O}_2$	Кислота уксусная	$\text{C}_6\text{H}_9\text{N}$	Лутидин	$\text{C}_{10}\text{H}_{22}$	Декан	2044, 2045
$\text{C}_2\text{H}_4\text{O}_2$	Кислота уксусная	C_6H_8	Спирол	C_6H_{10}	Этилбензол	2046, 2047
C_2H_6	Этан	C_6H_{10}	Бутан	C_6H_{12}	Пентан	2048
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	$\text{C}_6\text{H}_6\text{O}_3$	Глицерин	C_6H_6	Бензол	2049
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	$\text{C}_6\text{H}_8\text{O}_2$	Эфир уксусноэтило- вый	$\text{C}_6\text{H}_5\text{Cl}$	Хлорбензол	2050
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_6H_6	Бензол	C_6H_{12}	Циклогексан	2051
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_6H_6	Бензол	C_6H_{12}	Метилциклопентан	2052, 2053
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_6H_6	Бензол	C_6H_{14}	Гексан	2054, 2055
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_6H_6	Бензол	C_7H_{16}	Толуол	2056
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	$\text{C}_6\text{H}_7\text{N}$	Анлин	C_7H_8	Гептан	2057
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	$\text{C}_6\text{H}_7\text{N}$	Анлин	C_7H_{16}	Гексан	2058
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_6H_{12}	Метилциклопентан	C_6H_{14}	Гептан	2059
$\text{C}_2\text{H}_6\text{O}$	Спирт этиловый	C_7H_8	Толуол	C_7H_{16}	Гептан	

Компонент А		Компонент В		№№ таблиц
Формула	Наименование	Формула	Наименование	
C_6H_6	Бензол	C_6H_{12}	Циклогексан	2099
C_6H_6	Бензол	C_6H_{12}	Циклогексан	2100
C_6H_6	Бензол	C_6H_{12}	Циклогексан	2101
C_6H_6	Бензол	C_6H_{12}	Метилциклопентан	2102, 2103
C_6H_6	Бензол	$C_6H_{11}O_2$	Гексилциклопентан	2104
C_6H_6	Бензол	C_6H_8	Толуол	2105
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Состав системы	№№ таблиц
Водород—азот—окись углерода—метан H_2 N_2 CO CH_4	2125
Водород—азот—метан—этан H_2 N_2 CH_4 C_2H_6	2126
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Метан—этан—пропан—пентан—гексан CH_4 C_2H_6 C_3H_8 C_5H_{12} C_6H_{14}	2146

Состав системы	№№ таблиц
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ИСПРАВЛЕНИЯ И ОПЕЧАТКИ

Страница	Таблица	Напечатано	Должно быть
691	1234, заголовок	C_7F_{16}	C_7H_{16}
759	1398, заголовок	$C_3H_4Cl_2$	$C_6H_4Cl_2$
990	1844, заголовок и 3-я графа	хлористый натрий NaCl	иодистый натрий NaI

Равновесие, кн. 2.